Final Well Report
CIVC Port au Port #1 – Sidetrack #1

PDIP Ref. GHS-0001-OPW-2-REP-0009
Rev. 1

Submitted by

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March 2009

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Report Approval Cover Sheet

Report Title:	**Final Well Report: Port au Port #1 – Sidetrack #1**
Project Name:	Garden Hill South
Client:	n/a
Client Ref:	n/a
PDIP Ref:	GHS-0001-OPW-2-REP-0009

Approval Record

Rev. No.	Date	Prepared	Reviewed	Approved
Rev. 0	April 7, 2008	K. Batten Hender	K. Boone	M. Hibbert
Rev. 1	March 17, 2009	V. P. Mercer		M. Hibbert

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Report Record of Revision

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Project Name:	Garden Hill South
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Record of Revision

Rev. No.	Date	Revision Details
0	April 7, 2008	Revision of original document sent to the Department of Natural Resources by Canadian Imperial Venture Corporation.
1	March 17, 2009	Updated to collate the attachments with the document and make minor modifications to indicate that this is the case.

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APPENDIX C: Daily Geology Reports

APPENDIX D: ST#1 Logs

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APPENDIX F: Final Mud Log

APPENDIX G: Survey of the Well Site

1. Introduction

This report has been produced by PDI Production Inc. (PDIP), the current operator of the Petroleum Lease containing the well (Lease #2002-01). It is more than seven years since the well was drilled by the previous operator, Canadian Imperial Venture Corporation (CIVC), and in the intervening period, a significant quantity of information pertaining to the well has been lost. As a result, parts of this report may be incorrect or incomplete as they are based on limited data.

Port au Port #1 – Sidetrack #1 (PAP#1 – ST#1) was drilled as an appraisal sidetrack to Port au Port #1 (PAP#1). PAP#1 was the discovery well for the Garden Hill South (GHS) field on the Port au Port Peninsula and this sidetrack was intended to test an up-dip extension to the discovery. The target was the Aguathuna Formation limestone, a known reservoir in PAP#1, approximately 350 m west of PAP#1.

The drilling contractor was Simmons Drilling Corporation. Operations commenced on August 17, 2001. A window was cut in the existing PAP#1 9-5/8" casing from 2334 to 2342 m, and the well kicked off in a westerly direction from 2339 m. The well was drilled to 3493 m MD, and then the open hole section was logged by Baker Atlas in three runs. 7" diameter casing was run and set at 3493 m, and cemented with 12.2 m^3 of cement slurry. The top of cement is estimated at 2615 m. The casing was then drilled out and the Aguathuna Formation was penetrated to a depth of 3562 m. Open-hole logs were run once again, and drill-stem tests of the Aguathuna Formation were conducted. Drilling was then continued to a total depth of 4053.3 m, and the well was logged once again. The well was plugged and abandoned.

1.1 Map

A map showing the well location is presented in Figure 1.

1.2 General Information

Well Name: Port au Port #1 – Sidetrack #1 (PAP#1 – ST#1)

Petroleum Lease: 2002-01

Drilling Program Approval: 2001-117-05

Authority to Drill a Well: 2001-117-05-01

Well Co-ordinates:	5 372 856.003 N, 335 490.317 E	well head location of PAP#1 (UTM NAD 27)
	5 373 140.42 N, 335 033.55 E	bottomhole location at PAP#1 – ST#1 TD

Surveying System: WG584-UTM-21N of the World Geodetic System

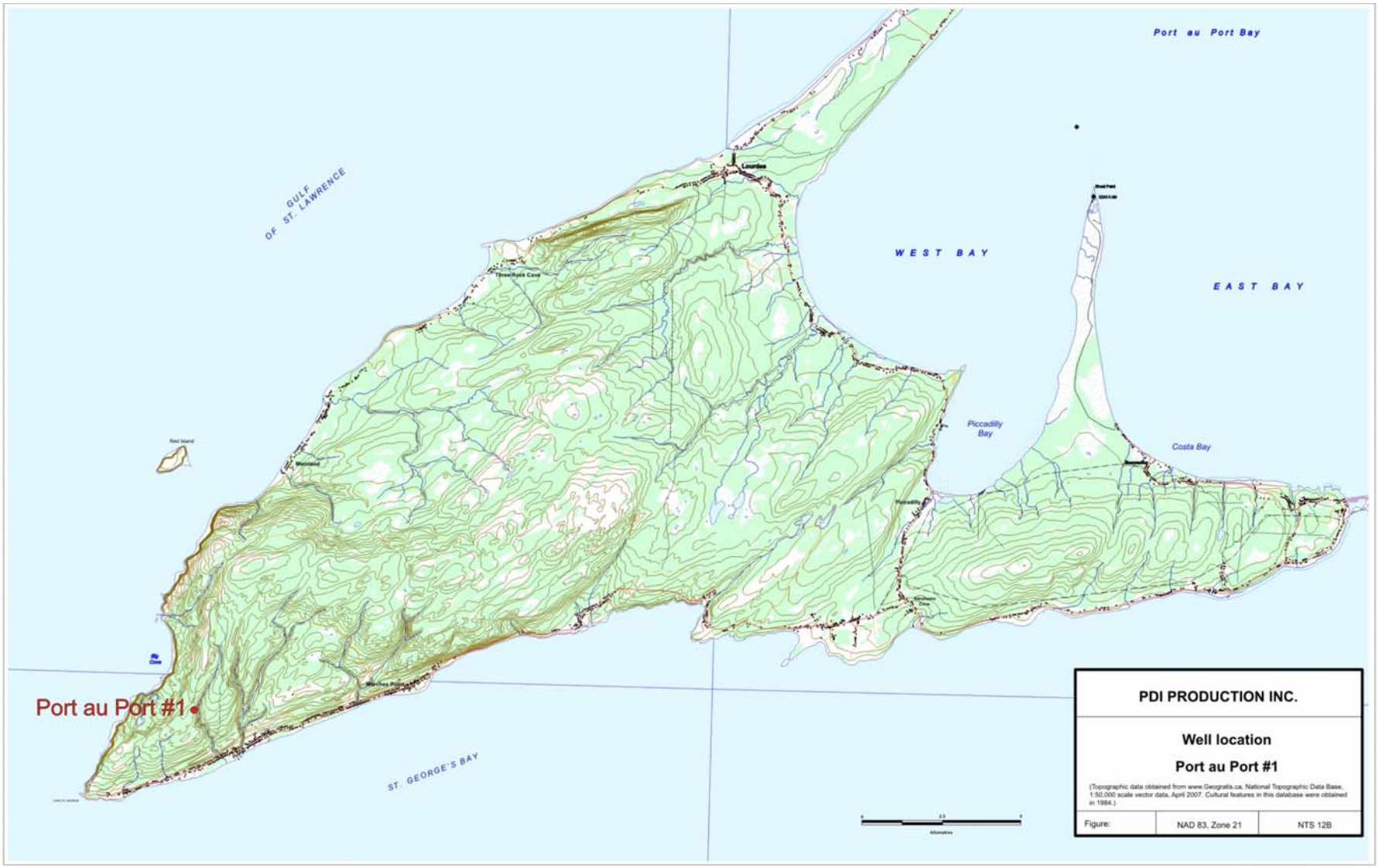

Figure 1: Map of Port au Port Peninsula Showing Location of Port au Port #1 Well

1.3 Difficulties and Delays

The work program analyzed includes the original drilling phase to the Aguathuna Formation, a deepening phase to the Watts Bight Formation, abandoning the ST#1 portion of the multi-lateral well, and recompleting PAP#1.

A major lost time incident (MLT1) occurred as a result of the failure of the 244.5 mm (9-5/8") casing and its subsequent repair. Additional sources of lost time included rig repairs, rig service, waiting on weather (WOW), and waiting on materials (WOM). The results of the work program analysis for the sidetrack are summarized in Table 1 and Table 2 below.

Table 1: Operational Phases of PAP#1 - ST#1

Phase	Start Time	End Time	Total Days	Comments
1. Drill to Aguathuna Target	August 17, 2001 00:01 hrs (rig skidded from PAP#2 to PAP#1)	October 14, 2001 22:00 hrs (prep to run tieback liner)	58.91	
2. Deepen to Watts Bight Target	October 14, 2001 22:00 hrs (prep to run tieback liner)	December 15, 2001 20:45 hrs (start of P&A, start of completion work)	61.93	This phase includes the casing repair MLT1 which started Oct. 19, 2001 at 06:00 hrs and ended Dec. 1, 2001 at 02:45 hrs.
3. P&A, ST#1	December 15, 2001 20:45 hrs (start of P&A ops on ST#1)	December 20, 2001 17:45 hrs (end P&A, start completion work)	4.87	
4. Completion	December 20, 2001 17:45 hrs (end P&A, start completion work)	January 13, 2002 07:30 hrs (end of operations, well handed to production)	23.57 (13.84 with rig)	Includes 5.0 days waiting on materials over the Christmas period and rigless operations. Rig released January 3, 2002 at 14:00 hrs.

Table 2: Non-Productive Time

Phase	Rig repair *days/% of phase*	Rig service *days/%of phase*	WOW *days/% of phase*	WOM *days/% of phase*	Total *days/% of phase*	MLT1 *days/% of phase*
1. Drill to Aguathuna Target	1.0/1.7	1.4/2.3	0.0/0.0	1.7/2.9	4.1/6.9	n/a
2. Deepen to Watts Bight Target	1.3/2.2	1.3/2.2	0.8/1.3	4.2/6.8	7.6/12.5	43.86/70.86
3. P&A, ST#1	0.0/0.0	0.1/2.4	0.8/16.9	0.1/2.4	1.0/21.7	n/a
4. Completion	0.2/0.9	0.2/0.9	0.2/0.9	8.8/37.1	9.4/64.2	n/a
Total Program	**2.6/1.7**	**3.1/2.1**	**1.8/1.2**	**14.7/9.8**	**22.2/21.0**	**43.86/29.7**

2. Drilling Operations

2.1 Elevation

Surface elevation of the well is 212.40 m. The rotary table elevation is 220.40 m.

2.2 Total Depth

Total depth of the well is 4053.3 m MD, or 3950.78 TVD. Logs were run to the bottom.

2.3 Spud Date

The well was not "spudded" as it was as sidetrack. However, drilling operations for sidetrack #1 commenced on August 17, 2001 at 00:01 hrs.

2.4 Date Drilling Completed

Total depth (TD) was called on December 14, 2001 at 18:30 hours.

2.5 Rig Release Date

The rig was released on January 3, 2002, at 14:00 hours.

2.6 Well Status

The well is plugged and abandoned.

2.7 Hole Sizes and Depths

The hole size is 215.9 mm (8-1/2") from 2334 m MD to 3493 m MD. The hole size is 152 mm (6") from 177.8 mm casing shoe to TD (4053.5 m MD).

2.8 Bit Records

The drill bits used are summarized in Table 3.

Table 3: Bit Record

Bit No.	Diam. (mm)	Maker	Type	IADC Code	Depth In	Depth Out	Nozzles	Serial No.	Hours on Bit
1	215.9	Hughes	mx-lr 20ddt	517	2347	2361	3 x 20	M21DF	24.25
2	215.9	Hughes	mxs.530.sgd	537	2361	2543	3 x 20	H14DR	52.25
3	215.9	Hughes	mxs35cg	547	2543	2739	3 x 20	D24DE	53
4	215.9	Hughes	mxs40cgdx	629	2739	2889	3 x 20	E91DM	50.25
5	215.9	Hughes	msx40cg	627	2889	3108	3 x 20	M03DK	66.75
6	215.9	Hughes	msx35cg	547	3108	3270	3 x 20	R45DB	55.75
7	215.9	Hughes	msx35cg	537	3270	3467	3 x 20	R02DF	92.25
8rr	215.9	Hughes	xlr20d	517	3467	3493	3 x 20	M21DF	
9rr	215.9	Hughes	xlr20d	517	3493	3493	11.1, 11.1, 12.7	M21DF	23.75
9	152	Hughes	stx30	537	3454	3536	11.1, 11.1, 12.7	P56JM	27.25
10	152	Hughes	stx40	617	3536	3595	3 x 12.7	M33JG	35.75
11	152	Hughes	stx40	617	3595	3666	3 x 12.7	M32JG	39.5
12-15	Casing repairs and fishing operations – various mills, scrapers, reamers, and re-run drill bits were used. Details not recorded in the drilling reports.								
16 (12)	152	Hughes	stx30	537	3666	3730	3 x 16	X80JG	35.5
17 (13)	152	Hughes	stx40	617	3730	3830	3 x 16	X32TG	44.25
18 (14)	152	Hughes	stx40	617	3830	3949	3 x 16	W56JP	42.5
19 (15)	152	Hughes	stx40	617	3949	4053.5	3 x 16	P05TR	41

2.9 Casing and Cementing Record

The 215 mm (8-1/2") hole was cased with 177.8 mm (7") casing from the bottom of the hole at 3493 m MD to 2366 m MD, leaving the section between 2366 m MD and the 244.5 mm casing window uncased (2342-2334 m). The string was composed of 43.16 kg/m, L80, LTC R3 casing that was cemented with 12.2 m^3 of slurry (1890 kg/m^3). The calculated top of the cement was at 2651 m MD. Spiral centralizers were placed in the centre of the first 57 joints.

A 177.8 mm (7"), 43.16 kg/m scab liner tieback assembly (total length 93 m) was later run between a receptacle in the 244.5 mm casing at 2272.73 m and a seal assembly at the top of the cemented 177.8 mm string at 2366 m. The tieback liner was not cemented and was subsequently fished from the well during abandonment operations.

2.10 Sidetracked Hole

This well was drilled as a sidetrack to PAP#1 well. The sidetrack exited through a milled window located at 2334-2342 m in PAP#1, and kicked off at a depth of 2339 m.

2.11 Drilling Fluid

The well was drilled using a fresh water based gel chemical system designed by Baker Hughes Inteq Drilling Fluids. Mud densities were maintained within the range of 1050 to 1150 kg/m^3. The mud system was designed to be within the following specifications:

Density: 1050-1150 kg/m^3
Fluid Loss: 6-8 cc/30 min
HTHP: <25 cc at 65ºC
pH: 9.5-10.5

Rheology:

Fvis:	40-50 s/l
PV:	10-20 mPa
YP:	5-10 Pa
Gels:	2-8 / 6-12 Pa

2.12 Fluid Disposal

There was no downhole disposal of drilling fluids or cuttings.

2.13 Fishing Operations

Extensive fishing operations were undertaken to repair leaks in the 244.5 mm casing of the PAP#1 wellbore. These operations occurred between October 15, 2001 and December 3, 2001. Details of these operations are given in the Daily Drilling Reports for those dates. The operations included backing off, recovering, and replacing the leaking sections of the casing.

The recovered sections of casing were in good condition with no significant corrosion damage. Leaks occurred at casing joints and were probably caused by over-torquing during make-up of the drill string.

2.14 Well Kicks

No kicks were experienced.

2.15 Formation Leak-Off Tests

A formation leak-off test was conducted on August 31, 2001, at the 244.5 mm window. The test was conducted at a pressure of 14,000 kPa, and no leak-off was recorded.

A second formation leak-off test was conducted on October 5, 2001. The test was conducted at a pressure of 11,860 kPa, and bleeding was reported during the shut-in period. The depth for this test and the volume of material lost were not recorded in the daily drilling reports.

2.16 Time Distribution

The daily reports produced (including hourly breakdown of activities) are found in Appendix A.

2.17 Deviation Plot

A Baker Hughes – Inteq Directional Drilling/MWD report is presented in Figure 2.

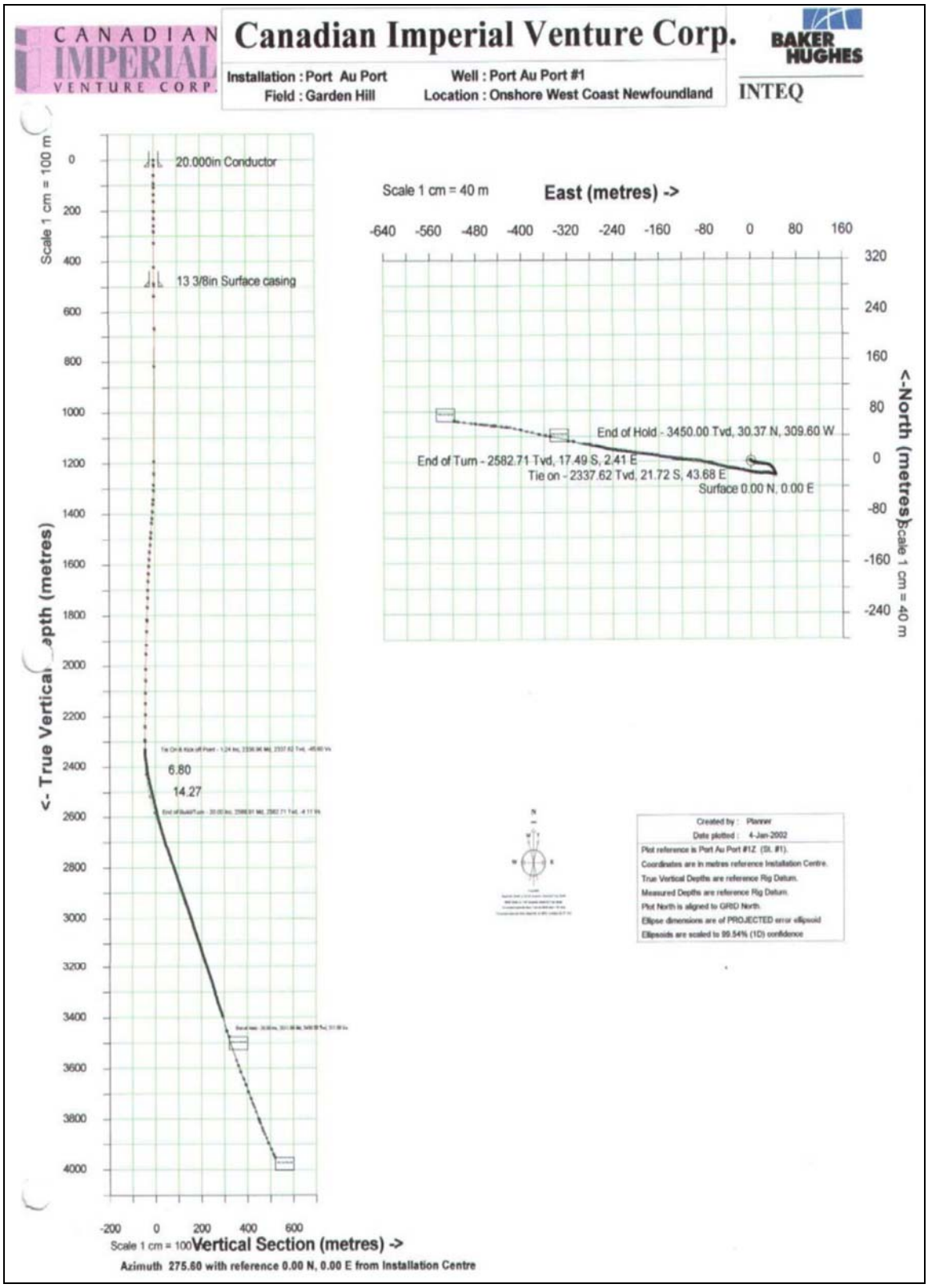

Figure 2: Deviation Plot for PAP#1 - ST#1

2.18 Abandonment/Suspension Plugs

The sidetrack was suspended with 5 cement plugs and one bridge plug. The bridge plug was run on drill pipe and pressure tested for 5 minutes at 21 000 kPa. Details are given in Table 4.

Table 4 : Details of Plugging Program

Type of plug	Interval (m)	P-Tested	Cement	Additives
Cement plug	4050-3911	No	2.2 m^3 at 1890 kg/m^3 Class G	Retarder
Cement plug	3902-3810	No	1.9 m^3 at 1890 kg/m^3 Class G	Retarder
Cement plug	3665-3510	No	2.9 m^3 at 1890 kg/m^3 Class G m^3	Retarder
Cement plug	3500-3400	Tagged at 3407	1.9 m^3 at 1890 kg/m^3 Class G	n/a
177.8 mm bridge plug	3369.5	Yes	n/a	n/a
Cement plug	3367-3267	No	1.9 m^3 at 1910 kg/m^3 Class G	Retarder

The fluid between the plugs is assumed to be flush water and drilling mud.

2.19 Well Schematic

A schematic diagram of the well is presented in Figure 3.

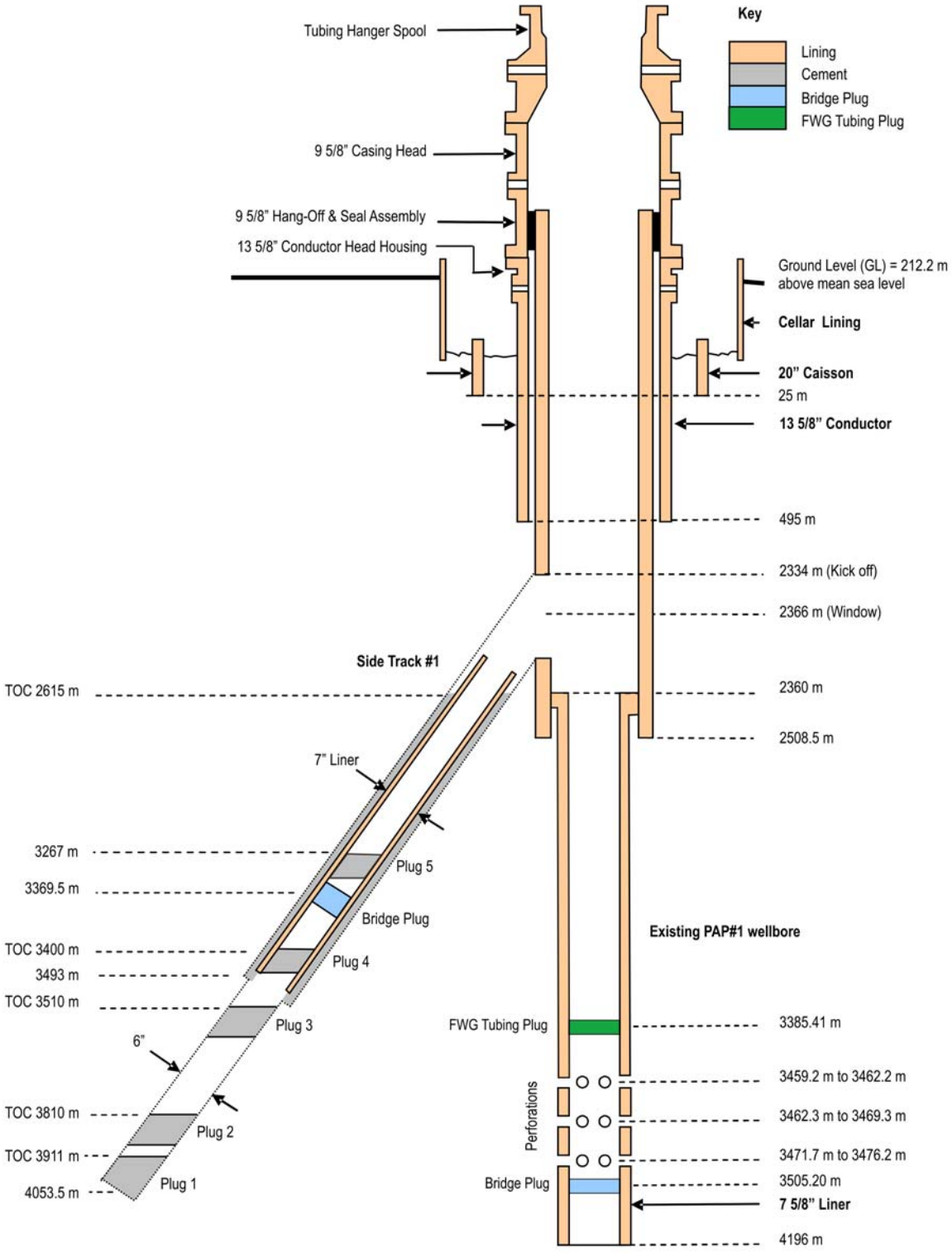

Figure 3: Well Schematic Diagram for PAP#1 - ST#1

2.20 Fluid Samples

No fluid samples were collected.

2.21 Composite Well Record

Table 2.3: Composite Well Record compiled from Daily Drilling Reports (Appendix A).

Depth	Comment	Date / Time
2334 m – 2339 m	216 mm window milled for ST#1	August 30, 2001
2334 m – 2342 m	Formation leak-off test at 216 mm window	August 31, 2001
2342 m - 2347 m	Rate of penetration = 0.4 m/h 13.5 hours of drilling, 5 m drilled	September 1, 2001
2347 m – 2361 m	Rate of penetration = 1.3 m/h 11 hours of drilling, 14 m drilled	September 2, 2001
2361 m – 2398 m	Rate of penetration = 3.8 m/h 9.75 hours of drilling, 37 m drilled	September 3, 2001
2398 m – 2488 m	Rate of penetration = 4 m/h 22.5 hours of drilling, 90 m drilled	September 4, 2001
2488 m – 2543 m	Rate of penetration = 3 m/h 18.5 hours of drilling, 55 m drilled	September 5, 2001
2543 m – 2575 m	Rate of penetration = 3.4 m/h 9.5 hours of drilling, 32 m drilled Changed bit to #3	September 6, 2001
2575 m – 2655 m	Rate of penetration = 3.7 m/h 21.75 hours of drilling, 80 m drilled	September 7, 2001
2655 m – 2739 m	Rate of penetration = 3.9 m/h 21.45 hours of drilling, 84 m drilled	September 8, 2001
2739 m – 2746 m	Rate of penetration = 3.9 m/h with bit #3, 2.3 m/h with bit #4 24.45 hours of drilling, 91 m drilled Changed bit to #4	September 9, 2001
2746 m – 2802 m	Rate of penetration = 2.6 m/h 21.5 hours of drilling, 56 m drilled	September 10, 2001
2802 m – 2879 m	Rate of penetration = 3.5 m/h 21.75 hours of drilling, 77 m drilled	September 11, 2001
2879 m – 2889 m	Rate of penetration = 3.3 m/h 3 hours of drilling, 10 m drilled Changed bit to #5	September 12, 2001
2889 m – 2948 m	Rate of penetration = 2.9 m/h 20.25 hours of drilling, 59 m drilled	September 13, 2001
2948 m – 3020 m	Rate of penetration = 3.5 m/h 20.5 hours of drilling, 72 m drilled	September 14, 2001
3020 m – 3085 m	Rate of penetration = 2.1 m/h 21 hours of drilling, 65 m drilled	September 15, 2001

Table 2.3 (cont.): Composite Well Record for PAP#1 – ST#1

3085 m – 3108 m	Rate of penetration = 4 m/h 5.75 hours of drilling, 23 m drilled Changed bit to #6	September 16, 2001
3108 m – 3155 m	Rate of penetration = 3.1 m/h 15 hours of drilling, 47 m drilled	September 17, 2001
3155 m – 3222 m	Rate of penetration = 3.2 m/h 21 hours of drilling, 67 m drilled	September 18, 2001
3222 m – 3270 m	Rate of penetration = 2.4 m/h 19.5 hours of drilling, 48 m drilled	September 19, 2001
3270 m	Changed bit to #7	September 20, 2001
3270 m – 3292 m	Rate of penetration = 2.2 m/h 9.75 hours of drilling, 22 m drilled	September 21, 2001
3292 m – 3336 m	Rate of penetration = 1.9 m/h 22.5 hours of drilling, 44 m drilled	September 22, 2001
3336 m – 3378 m	Rate of penetration = 2.1 m/h 19.75 hours of drilling, 42 m drilled	September 23, 2001
3378 m – 3420 m	Rate of penetration = 1.9 m/h 21.75 hours of drilling, 42 m drilled	September 24, 2001
3420 m – 3467 m	Rate of penetration = 2.7 m/h 17.25 hours of drilling, 47 m drilled	September 25, 2001
3467 m	Changed bit to #8	September 26, 2001
3467 m – 3478 m	Rate of penetration = 0.9 m/h 12 hours of drilling, 11 m drilled	September 27, 2001
3478 m – 3493 m	Rate of penetration = 1.5 m/h 13.5 hours of drilling, 15 m drilled	September 28, 2001
	Rig up bit #9	October 1, 2001
	7” casing rams installed and pressure tested casing installed	October 2, 2001
	Cemented 7” casing	October 3, 2001
	Daily report missing	October 4, 2001
3460 m – 3469 m	Formation leak-off test Drill out cement top	October 5, 2001
	Daily reports missing	October 6-7
3536 m – 3554 m	Rate of penetration = 1.2m/h 14.5 hours of drilling, 18 m drilled Changed bit to #10	October 8, 2001
3554 m – 3595 m	Rate of penetration = 1.9 m/h 21.25 hours of drilling, 41 m drilled	October 9, 2001
	DST#1	October 11-12, 2001
3595 m – 3615 m	Rate of penetration = 2 m/h 10 hours of drilling, 20 m drilled Change bit to #11	October 13, 2001

Table 2.3 (cont.): Composite Well Record for PAP#1 – ST#1

3615 m – 3657 m	Rate of penetration = 1.8 m/h 23.5 hours of drilling, 42 m drilled	October 14, 2001
3657 m – 3666 m	Rate of penetration = 1.5 m/h 6 hours of drilling, 9 m drilled	October 15, 2001
	Casing repairs and fishing operations Bits #12 to #16 in use	October 16 – December 3, 2001
3679 m – 3712 m	Rate of penetration = 1.4 m/h 23.75 hours of drilling, 33 m drilled	December 4, 2001
3712 m – 3730 m	Rate of penetration = 1.5 m/h 11.5 hours of drilling, 18 m drilled Change to bit #17	December 5, 2001
3730 m – 3762 m	Rate of penetration = 2.1 m/h 15.5 hours of drilling, 32 m drilled	December 6, 2001
3762 m – 3813 m	Rate of penetration = 2.2m/h 22.75 hours of drilling, 51 m drilled	December 7, 2001
	Daily report missing Change to bit #18	December 8, 2001
3830 m – 3874 m	Rate of penetration = 2.6 m/h 16.75 hours of drilling, 44 m drilled	December 9, 2001
3874 m – 3924 m	Rate of penetration = 2.3 m/h 21.75 hours of drilling, 50 m drilled	December 10, 2001
3924 m – 3949 m	Rate of penetration = 2.3 m/h 11 hours of drilling, 25 m drilled Change bit to #19	December 11, 2001
3949 m – 3975 m	Rate of penetration = 2.1 m/h 12.25 hours of drilling, 26 m drilled	December 12, 2001
	Daily report missing	December 13, 2001
4032 m – 4053.5 m (TD)	Rate of penetration = 1.8 m/h 11.5 hours of drilling, 21.5 m drilled	December 14, 2001

3. Geology

3.1 Drill Cuttings

Drill cuttings were sampled at 5 m intervals. The Department of Natural Resources has received washed samples from 3455 m to 3665 m. Distribution and storage locations of any remaining samples are presently unknown.

A Reservoir Quality Evaluation report based on the cuttings from the PAP#1 – ST#1 well was prepared by Fekete Associates Inc. in 2001. A copy of this report is attached in Appendix B. In addition, copies of the daily geology reports are attached in Appendix C.

3.2 Cores

No cores were taken from this well.

3.3 Lithology

Lithological description of well cuttings was performed onsite by the wellsite geologist; however, the written descriptions and the strip log have not been made available.

3.4 Stratigraphic Column

Formation tops for PAP#1 – ST#1 were determined from drilling data and corrected based on correlation of logs with PAP#1. As predicted, PAP#1 – ST#1 encountered the formations within the Round Head sub-thrust at shallower depths than in PAP#1. A comparison of formation tops is shown in Table 5 and a generalized stratigraphic column is illustrated in Figure 4.

Table 5: Comparison of Formation Tops in PAP#1 and PAP#1 - ST#1

Formation	PAP#1 – ST#1			PAP#1			PAP#1 – ST#1 Relative to PAP#1
	MD (m)	TVDSS (m)	Isopach (m)	MD (m)	TVDSS (m)	Isopach (m)	(m)
Winterhouse	2326.2	-2092.4	716.9	2324.9	-2093.7	760.0	-1.3
Lourdes	3071.8	-2809.3	164.6	3085.0	-2853.6	167.7	-44.3
Goose Tickle	3245.8	-2973.9	175.1	3252.8	-3021.3	192.2	-47.5
Table Point	3431.0	-3149.0	13.8	3445.0	-3213.5	14.0	-64.6
Aguathuna	3445.5	-3162.8	104.1	3459.0	-3227.5	138.0	-64.8
Catoche	3555.7	-3266.9	177.6	3597.0	-3365.5	154.0	-98.6
Boat Hbr.	3745.0	-3444.5	208.1	3451.0	-3519.5	207.0	-75.0
Berry Head	3970.5	-3652.5		3958.0	-3726.5	160.0	-73.9

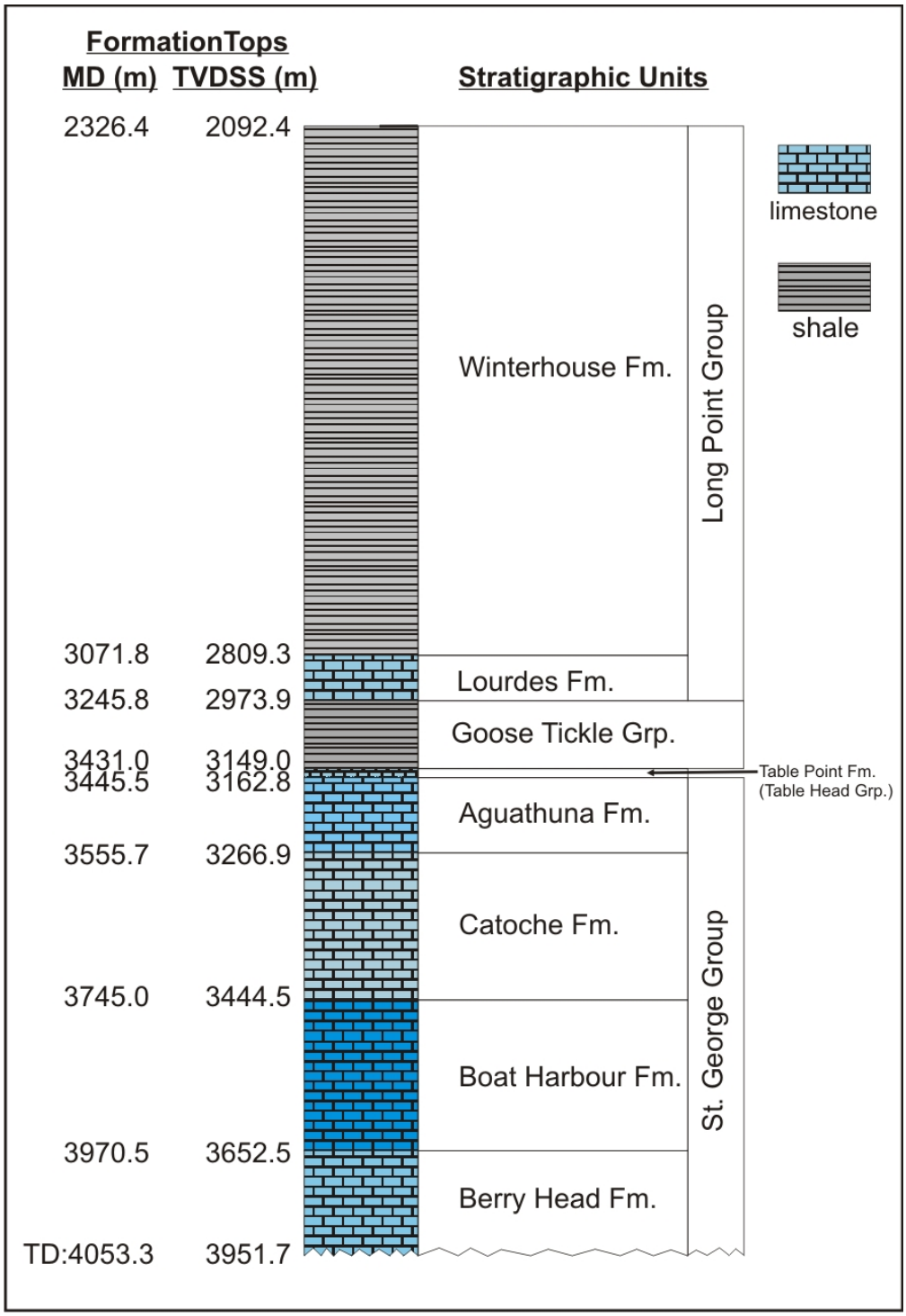

Figure 4: Stratigraphic Column for PAP#1-ST#1

3.5 Biostratigraphic Data

Not applicable. No biostratigraphic analysis was conducted for this well.

4. Well Evaluation

4.1 Downhole Logs

Electric logging was conducted by Baker Atlas. Three logging runs were conducted, and are summarized in Table 6. Abbreviations for logs are as follows:

CAL	Caliper Log
CBIL	Circumferential Borehole Imaging Log
CCL	Casing Collar Locator
CN	Compensated Neutron Log
CVL	Cement Volume Log
DLL	Dual Laterolog
GR	Gamma Ray Log
HDIL	High Definition Induction Log
HDIP	Hexagonal Diplog (includes 3-axis caliper)
MAC	Multiple Array Acoustilog
MILL	Micro Laterolog
ZDL	Compensated Densilog

Table 6: Summary of PAP#1 - ST#1 Logging Program

Date	Top Depth (m)	Bottom Depth (m)	Logs
Aug. 28, 2001	2000	2400	Segmented Bond Log
			GR-CCL
	2250	2344.6	GR-CCL
Sept. 30, 2001	2342	3493	MAC-GR-CAL
			HDIL-GR-CAL
			DLL-MLL-GR-CAL
			CN-ZDL-GR-CAL
			HDIP-GR
			CVL
			CBIL-GR
Oct. 10, 2001	3495	3595	MAC-GR-CAL
			HDIL-GR-CAL
			CN-ZDL-GR-CAL
			CBIL
			HDIP-GR-CAL
			CVL
Oct. 20, 2001	25	1200	CBIL-GR
Dec. 15, 2001	3580	4052	MAC-GR-CAL
			HDIL-GR-CAL
			DLL-GR-CAL
			CN-ZDL-GR-CAL
			HDIP-GR-CAL
			CBIL-GR
			CVL

Copies of available logs are attached in Appendix D.

4.2 Other Logs

A Datalog Technology Hydrocarbon well log (gas detection) was recorded during drilling. The output of this logging is not currently available.

4.3 Synthetic Seismograms

No synthetic seismograms were generated.

4.4 Vertical Seismic Profiles

No vertical seismic profiles were conducted.

4.5 Velocity Surveys

No velocity surveys were conducted.

4.6 Formation Stimulation

No formation stimulation was carried out.

4.7 Formation Flow Tests

After the well had drilled into the Aguathuna Formation to a depth of 3595 m, a packer was set in the 7” casing and four low permeability zones within the Aguathuna Formation were concurrently open-hole

drillstem tested. These four intervals were located between 3501 and 3531.5 m TVD. The test produced just over 1 m^3 of fluid consisting of drilling fluid and formation oil. Drillstem testing was conducted by Baker Oil Tools, and the detailed test results are included in Appendix E.

5. Other

5.1 Mud Logger's Report

A copy of the final mud log is found in Appendix F.

5.2 Directional and Deviation Survey Reports

Results of the directional survey are presented in Figure 2.

5.3 Final Legal Survey Plan

A final legal survey plan for the wellsite is found in Appendix G.

5.4 Core Photos

Not applicable. No cores were taken from this well.

5.5 Core Analysis Report

Not applicable. No cores were taken from this well.

5.6 Fluid Analysis Report

Not applicable. No fluid analysis was conducted for this well.

5.7 Oil, Gas, and Water Analysis Reports

Not applicable. No such analysis was conducted for this well.

5.8 Geochemical Report

Not applicable. No geochemical analysis was conducted for this well.

5.9 Biostratigraphy Report

Not applicable. No biostratigraphic analysis was conducted for this well.

5.10 Petrological Report

Not applicable. No petrological analysis was conducted for this well.

5.11 Palynological Report

Not applicable. No palynological analysis was conducted for this well.

5.12 Paleontological Report

Not applicable. No paleotological analysis was conducted for this well.

APPENDIX A:

Daily Drilling Reports

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig : SIMMONS 31	Date : 22-Dec-01	Days SinceSpud: 127	Report N°: 128
Current depth: 2344m	Phase: Re - Entry	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at shoe:	
TD: 4053.5m TVD: 3951.7m	since: Aug 17, 2001	Bottom hole: 177.8mm	PBTD: 3267m	EMW : 1692	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)		Den	1000
Dumped (m3)		YP	
Form. Losses (m3)		PV	
Surf. Losses (m3)		Gel10s	
Solids (%)		Gel10m	
Oil (%)		Fun Vis	28
Water (%)	100	F/L Temp	
O/W ratio		pH	
Filtrate API		Fluid los	
Filtrate HP/HT		Chloride	
		Calcium	

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	10:00	4.00	D	Pick up 158mm overshot and run in hole
10:00	10:30	0.50	D	Tag fish at 2342m and work over shot
10:30	15:15	4.75	D	Pull out of hole with fish
15:15	16:15	1.00	D	Recover top of shear sub, debris sub and mill anchor, lay down. Pick up reverse circulating basket
16:15	17:00	0.75	D	Run in hole with junk basket
17:00	18:00	1.00	D	Slip and cut 12.5m of drill line
18:00	20:30	2.50	D	Continue to run in hole with junk basket
20:30	23:15	2.75	D	Break circulation, drop ball and reverse circulate with mud. Work junk basket. Displace well to fresh water
23:15	2:30	3.25	D	Pull out of hole with junk basket, junk basket is clean
2:30	4:00	1.50	D	Lay down drill collars and bottom hole assembly
4:00	6:00	2.00	D	Run in hole open ended with 79 stands of drill pipe
6:00	0:00	18.00		Secure well, drain lines, clean mud tank and prepare to wait on tools until Dec 27th
		42.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting
Shut down until tools arrive Dec 27th
Ri g watch on location

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		
Bentonite	sxs		
Poly Pac R	sxs		
Poly Pac UL	sxs		
Poly Plus RD	sxs		
Lignite	sxs		
Keizan	sxs		
Caustic Soda	sxs		
Calcium Carbonate	sxs		
Soda Ash	sxs		
Calcium Chloride	sxs		
Lime	sxs		
Drill Thin	sxs		
SAPP	sxs		
Sawdust	sxs		
Primaseal	sxs		
ID lube XL	drum		
Drilling det	pail		
De-foamer X	pail		

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3972	B H Disconformity	Dolomite
3972	4041	Watts Bight	Dolomite
4041	4053.5	Berry Head	Limestone

11 SUMMARY OF OPERATIONS

Pull mill anchor fish, run junk basket, circulate clean and displace well to water, POOH with basket
RIH open ended and secure well.

13 WELL STATUS at 06:00

Securing well

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	16
Service Contractors:	4
TOTAL:	22

16 OPERATIONS PLANNED

Prepare to wait on tools until Dec 27th

Next casing point: n/a Well TD: 4054 m

19 WEATHER Time of Survey: 6:00 Temp: -3 Visibility: Clear
WIND Speed: 19 km/h Direction: North Barometer (Mb):

17 SAFETY

DRILLS: 8 Days
DAYS SINCE LAST LTA: 100 Days

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATION	Well :	PAP # 1, ST #1	Rig : SIMMONS 31	Date : 21-Dec-01	Days SinceSpud: 126	Report N°: 127
	ONSHORE DAILY DRILLING REPORT	Current depth: 3267m	Phase: Re - Entry	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at shoe:	
	GARDEN HILL FIELD	TD: 4053.5m TVD: 3951.7m	since: Aug 17, 2001	Bottom hole: 177.8mm	PBTD: 3267m	EMW : 1692	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)	220	Den	1130
Dumped (m3)	30	YP	3.83
Form. Losses (m3)	0	PV	20.0
Surf. Losses (m3)	0	Gel10s	2.0
Solids (%)	.070	Gel10m	10.0
Oil (%)	0	Fun Vis	55
Water (%)	100	F/L Tem	14
O/W ratio	0	pH	12.0
Filtrate API	2.0	Fluid los	16
Filtrate HP/HT	0	Chloride:	5600
		Calcium	400

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:45	1.75	D	Shut down tripping operations due to blizzard conditions
7:45	9:00	1.25	D	Continue to run in hole with 142mm casing spear
9:00	9:30	0.50	D	Break circulation
9:30	10:00	0.50	D	Spear into tieback liner at 2246.5m and work free. No jarring required
10:00	15:30	5.50	D	Pull out of hole with liner
15:30	16:00	0.50	D	Recover fish to surface, release spear and lay down tool
16:00	17:45	1.75	D	Rig up casing handling equipment and lay down 9 joint of 177mm casing
17:45	18:45	1.00	D	Make up whipstock fish hook assembly
18:45	21:00	2.25	D	Run in hole with fish assembly
21:00	22:30	1.50	R	Repair and adjust break system
22:30	23:30	1.00	D	Continue to run in hole with fish hook assembly
23:30	0:30	1.00	D	Fish for whipstock stroking 6 meters and 90 degree rotations. Jar free at shear sub
0:30	5:00	4.50	D	Pull out of hole with fish
5:00	6:00	1.00	D	Recover spoon, debris sub, unloader and top of shear sub. Remove tieback seal ring fro debris sub. Lay down fish.
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting
Resume operation once storm had passed
Load out 3 1/2" drill string and send to Circle T, Red Deer
Load out last of Northland test equipment
Baker DST tool and Atlas logging tools on same load with Northland equipment
Last of drilling mud chemicals removed from location
Data Log equipment moved off location
Trailer generator repaired
Mud man released

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		
Bentonite	sxs		
Poly Pac R	sxs		
Poly Pac UL	sxs		
Poly Plus RD	sxs		
Lignite	sxs		
Kelzan	sxs		
Caustic Soda	sxs		
Calcium Carbonate	sxs		
Soda Ash	sxs		
Calcium Chloride	sxs		
Lime	sxs		
Drill Thin	sxs		
SAPP	sxs		
Sawdust	sxs		
Primaseal	sxs		
ID lube XL	drum		
Drilling det	pail		
De-foamer X	pail		

11 SUMMARY OF OPERATIONS

Fish tieback liner and pull to surface, lay down. Fish whipstock and pull to surface, lay down

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3972	B H Disconformity	Dolomite
3972	4041	Watts Bight	Dolomite
4041	4053.5	Berry Head	Limestone

13 WELL STATUS at 06:00

Laying down whipstock

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Ways	2 - mud loads		21:00	Corner Brook
Clarks	test equipment		13:00	Red Deer
Hunt	3 1/2" drill pipe		15:00	Red Deer
Hunt	Baker logging and DST tools		13:00	Red Deer

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	4
TOTAL:	23

16 OPERATIONS PLANNED

Fish top of shear sub with mill anchor

Next casing point: n/a Well TD: 4054 m

17 SAFETY

DRILLS: 8 Days
DAYS SINCE LAST LTA: 99 Days

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -2c Visibilit: Blowin

WIND Speed: 22 km/h Direction: South Barometer (Mb): 1004

Fresh snow fall with blowing snow

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig :	SIMMONS 31	Date :	20-Dec-01	Days SinceSpud:	125	Report N°:	126
Current depth:	4053.5m	Phase:	Re - Entry	Casing size:	177.8mm	Shoe:	3493m	F.I.T. at shoe:	
TD: 4053.5m	TVD: 3951.7m	since:	Aug 17, 2001	Bottom hole:	152.4mm	Depth:	4053.5m	EMW :	1692

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)	220	Den	1130
Dumped (m3)	30	YP	3.83
Form. Losses (m3)	0	PV	20.0
Surf. Losses (m3)	0	Gel10s	2.0
Solids (%)	.070	Gel10m	10.0
Oil (%)	0	Fun Vis	55
Water (%)	100	F/L Temp	14
O/W ratio	0	pH	12.0
Filtrate API	2.0	Fluid los	16
Filtrate HP/HT	0	Chloride:	5600
		Calcium	400

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:15	0.25	D	Rig service
6:15	10:00	3.75	D	Pickup casing spear and 6 - 158mm drill collars
10:00	13:15	3.25	D	Run in hole with 142mm casing spear
13:15	6:00	16.75	D	Shut down tripping operations due to blizzard conditions
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting
Slow trip speeds due to high winds, block blowing into derrick
Wet snow and freezing rain causing ice build up on derrick falling in large ice blocks
Generator for trailers fails - replacement generator late due to poor road conditions
Load out Northland test equipment
Wait on snow plough to clear road before allowing trucks to leave location

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		23
Bentonite	sxs		110
Poly Pac R	sxs		20
Poly Pac UL	sxs		50
Poly Plus RD	sxs		18
Lignite	sxs		55
Kelzan	sxs		35
Caustic Soda	sxs		28
Calcium Carbonate	sxs		540
Soda Ash	sxs		37
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3972	B H Disconformity	Dolomite
3972	4041	Watts Bight	Dolomite
4041	4053.5	Berry Head	Limestone

11 SUMMARY OF OPERATIONS

Pickup casing spear and run in hole, shut down due to bad weather

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Ways	Mud		14:00	Corner Brook
Clarks	test equipment		22:00	Corner Brook
Hunt	drill pipe		14:00	Corner Brook

15 PERSONNEL

Company:	2
Drilling Contractors:	16
Service Contractors:	8
TOTAL:	26

13 WELL STATUS at 06:00

Waiting for weather to clear

16 OPERATIONS PLANNED

Spear casing and pull out of hole. Run into fish whip stock

Next casing point: n/a Well TD: 4054 m

17 SAFETY

DRILLS: 7 Days
DAYS SINCE LAST LTA: 98 Days

18 COSTS

in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: Temp: Visibility:
WIND Speed: Direction: Barometer (Mb):

Power failure no weather data, strong winds and blizzard conditions

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig : SIMMONS 31	Date : 19-Dec-01	Days SinceSpud: 124	Report N°: 125
Current depth: 4053.5m	Phase: Re - Entry	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at shoe:	
TD: 4053.5m TVD: 3951.7m	since: Aug 17, 2001	Bottom hole: 152.4mm	Depth: 4053.5m	EMW : 1692	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)	220	Den	1130
Dumped (m3)	30	YP	3.83
Form. Losses (m3)	0	PV	20.0
Surf. Losses (m3)	0	Gel10s	2.0
Solids (%)	.070	Gel10m	10.0
Oil (%)	0	Fun Vis	55
Water (%)	100	F/L Tem	14
O/W ratio	0	pH	12.0
Filtrate API	2.0	Fluid los	16
Filtrate HP/HT	0	Chloride	5600
		Calcium	400

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:30	2.50	D	Continue to pull out of hole with setting tool
8:30	8:45	0.25	D	Lay down setting tool
8:45	9:00	0.25	S	Rig service
9:00	9:30	0.50	D	Rig out Data Loggers equipment from derrick
9:30	14:00	4.50	D	Run in hole open ended to 3367m
14:00	14:15	0.25	D	Break circulation
14:15	15:15	1.00	D	Rig in BJ pumper unit, conduct safety meeting, pressure test treating line to 24000kPa
				Pump 3m3 of preflush water, 1.9m3 of slurry, 1m3 of flush water and 18m of mud to dis
				Plug #5 from 3367m to 3267m
15:15	15:45	0.50	D	Pull out of hole with 6 stands
15:45	16:45	1.00	D	Circulate drill pipe clean
16:45	18:30	1.75	D	Pull out of hole to 2246m
18:30	18:45	0.25	D	Break circulation and flush 177mm liner top
18:45	20:00	1.25	D	Pull out of hole with remaining 127mm drill pipe and stand in derrick
20:00	4:00	8.00	D	Pull out of hole and lay down 88mm drill pipe
4:00	5:00	1.00		Shut down due to extreme weather
5:00	6:00	1.00	S	Slip and cut 12.8m of drill line
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting
Slow trip speeds due to high winds
Continue to clean solids from rig tanks
Continue to rigged out Data Loggers
Transfer 1 load of mud products back to Corner Brook
Rig out Northland test equipment
Cement blend for the 5 plugs: 0-1-0 G w/ 10liters/ton CD31L and 2% R6

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		23
Bentonite	sxs		110
Poly Pac R	sxs		20
Poly Pac UL	sxs		50
Poly Plus RD	sxs		18
Lignite	sxs		55
Keizan	sxs		35
Caustic Soda	sxs		28
Calcium Carbonate	sxs		540
Soda Ash	sxs		37
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3972	B H Disconformity	Dolomite
3972	4041	Watts Bight	Dolomite
4041	4053.5	Berry Head	Limestone

11 SUMMARY OF OPERATIONS

Pull out of hole with setting tool, run in open ended and set plug #5 at 3367m to 3267m. Pull out of hole and lay down 88mm drill pipe

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Ways	Mud		18:00	Corner Brook

15 PERSONNEL

Company:	2
Drilling Contractors:	16
Service Contractors:	8
TOTAL:	26

13 WELL STATUS at 06:00

Picking up 158mm drill collars to fish tieback liner

16 OPERATIONS PLANNED

Run in hole and fish tie back liner

Next casing point: n/a Well TD: 4054 m

17 SAFETY

DRILLS: 6 Days
DAYS SINCE LAST LTA: 97 Days

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 0 deg Visibility: Clear

WIND Speed: 16 km/h Direction: North Barometer (Mb): 987

Rapid extreme changes in weather conditions with snow and rain

20 COMPANY REPRESENTATIVES

Brian Felske

Donna Taylor - FW: 18 th report

From: "Jason Whelan" <jasonwhelan@canadianimperial.com>
To: "'Wes Foote'" <wesfoote@mail.gov.nf.ca>
Date: 12/19/01 10:35 AM
Subject: FW: 18 th report

Wes, I tried to send you the completion schematic, but it was blocked by your system... apparently you cannot receive Macros.
Here's the DDR for the 18th, and once the completion programme is signed off, we will get a copy round to you.
Phone me if you have any problems.
Regards,
Jason Whelan
Operations Engineer
Canadian Imperial Venture Corp
16 Forest Road.
St. John's
Newfoundland
A1C 6J9
Tel: 709 739 6700
Fax: 709 739 6605
Email: jasonwhelan@canadianimperial.com

-----Original Message-----
From: CIVC Garden Hill Site [mailto:gardenhill@canadianimperial.com]
Sent: Tuesday, December 18, 2001 8:10 AM
To: G Edwards (E-mail); J Whalen (E-mail); K Mercer (E-mail); Kevin Wann (E-mail); Ray Mireault (E-mail); Steve Millan (E-mail)
Subject: 18 th report

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig : SIMMONS 31	Date : 18-Dec-01	Days SinceSpud: 123	Report N°: 124
Current depth: 4053.5m	Phase: Re - Entry	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at shoe:	
TD: 4053.5m TVD: 3951.7m	since: Aug 17, 2001	Bottom hole: 152.4mm	Depth: 4053.5m	EMW : 1692	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

Setting Tool: Bridge Plug, hydraulic setting tool, 88mm drill pipe, X/O, 127mm drill pipe

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)	220	Den	1130
Dumped (m3)	30	YP	3.83
Form. Losses (m3)	0	PV	20.0
Surf. Losses (m3)	0	Gel10s	2.0
Solids (%)	.070	Gel10m	10.0
Oil (%)	0	Fun Vis	55
Water (%)	100	F/L Tem	14
O/W ratio	0	pH	12.0
Filtrate API	2.0	Fluid los	16
Filtrate HP/HT	0	Chloride	5600
		Calcium	400

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:30	2.50	D	Wait on cement to set, Circulate and condition mud
8:30	9:00	0.50	D	Run in hole and tag soft cement top at 3407m
9:00	9:30	0.50	D	Circulate plugged drill pipe clean
9:30	9:45	0.25	S	Rig service
9:45	13:15	3.50	D	Pull out of hole
13:15	15:45	2.50	D	Lay down 35 joints of 88mm S-135 drill pipe
15:45	17:45	2.00	D	Pull out of hole with 127mm drill pipe
17:45	18::00	0.25	S	Rig service
18:00	19:00	1.00	D	Make up 177.8mm bridge plug and hydraulic setting tool
19:00	1:00	6.00	D	Run in hole with bridge plug
1:00	2:00	1.00	D	Rig in BJ pumper unit, conduct safety meeting, pressure test treating line to 24000kPa break circulation, pump down ball and set bridge plug at 3369.5m
2:00	2:30	0.50	D	Close pipe rams and pressure test bridge plug and casing to 21000 kpa for 5 mins
2:30	6:00	3.50	D	Pull out of hole with setting tool
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting
Slow trip speeds due to high winds
Transferred 70m3 of solids and mud from tanks
Rigged out Data Loggers

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		440
Bentonite	sxs		307
Poly Pac R	sxs		54
Poly Pac UL	sxs		47
Poly Plus RD	sxs		18
Lignite	sxs		103
Kelzan	sxs		32
Caustic Soda	sxs		23
Calcium Carbonate	sxs		563
Soda Ash	sxs		37
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3972	B H Disconformity	Dolomite
3972	4041	Watts Bight	Dolomite
4041	4053.5	Berry Head	Limestone

11 SUMMARY OF OPERATIONS

Tagged cement top, pulled out of hole and ran bridge plug, pulled out of hole with setting tool

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	16
Service Contractors:	8
TOTAL:	26

13 WELL STATUS at 06:00

Pulling out of hole with setting tool

16 OPERATIONS PLANNED

Run in hole and set cement cap on bridge plug, pull out of hole laying down 88mm drill pipe

Next casing point: n/a Well TD: 4054 m

19 WEATHER Time of Survey: 6:00 Temp: -3c Visibility: Clear

WIND Speed: 19 km/h. Direction: West Barometer (Mb): 1008

17 SAFETY

DRILLS: 5 Days

DAYS SINCE LAST LTA: 96 Days

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATION	Well :	PAP # 1, ST #1	Rig : SIMMONS 31	Date : 17-Dec-01	Days SinceSpud: 122	Report N°: 123
	ONSHORE DAILY DRILLING REPORT	Current depth: 4053.5m	Phase: Re - Entry		Casing size: 177.8mm	Shoe: 3493m	F.I.T. at shoe:
	GARDEN HILL FIELD	TD: 4053.5m TVD: 3951.7m	since: Aug 17, 2001		Bottom hole: 152.4mm	Depth: 4053.5m	EMW : 1692

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

Open Ended: 88mm drill pipe, X/O, 127mm drill pipe

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel / Chem		
Mixed (m3)	220	Den	1130
Dumped (m3)	30	YP	3.83
Form. Losses (m3)	0	PV	20.0
Surf. Losses (m3)	0	Gel10s	2.0
Solids (%)	.070	Gel10m	10.0
Oil (%)	0	Fun Vis	55
Water (%)	100	F/L Temp	14
O/W ratio	0	pH	12.0
Filtrate API	2.0	Fluid los	16
Filtrate HP/HT	0	Chloride	5600
		Calcium	400

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	13:15	7.25	D	Continue to circulate and condition mud (high chloride and calcium counts) Rig in BJ cement pumper
13:15	13:30	0.25	D	Conduct safety meeting with BJ and rig crew and pressure test treating line
13:30	14:30	1.00	D	Pump 4.5m3 of preflush water, 2.2m3 of slurry, 1.5m3 of flush water and displace balan plug with 23m3 of mud. Plug #1 set at 4050m to 3911m
14:30	15:30	1.00	D	Pull out of cement plug and place 14 stands in the derrick
15:30	18:30	3.00	D	Break circulation and continue to condition mud (high viscosity due to contamination)
18:30	19:15	0.75	D	Run in hole with 9 stand to 3901m
19:15	20:15	1.00	D	Pump 3m3 of preflush water, 1.9m3 of slurry, 1m3 of flush water and displace balance plug with 22m3 of mud. Plug #2 set at 3902m to 3810m
20:15	20:45	0.50	D	Pull out of cement plug and place 8 stands in the derrick and lay down 1 single
20:45	21:30	0.75	D	Rig up and reverse circulate 25m3
21:30	22:15	0.75	D	Pump 3m3 of preflush water, 2.9m3 of slurry, 1m3 of flush water and displace balance plug with 20m3 of mud. Plug #3 set at 3665m to 3510m
22:15	22:45	0.50	D	Pull out of cement plug and place 5 stands in the derrick and lay down 2 singles
22:45	23:15	0.50	D	Reverse circulate pipe clean with 25m3, recover contaminated mud
23:15	0:30	1.25	D	Thaw cement pumper (60 km winds and high wind chills)
			D	Pump 3m3 of preflush water, 1.9m3 of slurry, 1m3 of flush water and displace balance plug with 19m3 of mud. Plug #4 set at 3500m to 3400m
0:30	1:00	0.50	D	Pull out of cement plug and place 6 stands in the derrick
1:00	6:00	5.00	D	Wait on cement to set, Circulate and condition mud
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting on high pressure and icing conditions
Received a second load of 73mm tubing
Class G neat cement at 1910kg/m3 with retarder used on plug 1, 2 and 3. No retarder
Treating high vis mud with high chloride and calcium counts
Surface sample for plug 4 not set after 5.5 hours

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		440
Bentonite	sxs		307
Poly Pac R	sxs		54
Poly Pac UL	sxs		47
Poly Plus RD	sxs		18
Lignite	sxs	-35	103
Kelzan	sxs		32
Caustic Soda	sxs	-4	23
Calcium Carbonate	sxs		563
Soda Ash	sxs	-33	37
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3972	B H Disconformity	Dolomite
3972	4041	Watts Bight	Dolomite
4041	4053.5	Berry Head	Limestone

11 SUMMARY OF OPERATIONS

Circulate and condition mud, set 4 cement plugs, wait on top cement plug to set

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Hunt	73mm tubing	22:00		

15 PERSONNEL

Company:	1
Drilling Contractors:	16
Service Contractors:	8
TOTAL:	25

13 WELL STATUS at 06:00

Wait on cement plug 4 to set

16 OPERATIONS PLANNED

Tag plug #4, pull out of hole, run and set bridge plug, pressure test and set cement cap.

Next casing point: n/a Well TD: 4054 m

17 SAFETY

DRILLS: 4 Days
DAYS SINCE LAST LTA: 95 Days

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -6c Visibility: Clear

WIND Speed: 48 km/h Direction: West Barometer (Mb): 1017

-26c wind chill with freezing rains

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig : SIMMONS 31	Date : 16-Dec-01	Days SinceSpud: 121	Report N°: 122		
Current depth: 4053.5m	Phase: Re - Entry	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at shoe:			
TD: 4053.5m TVD: 3951.7m	since: Aug 17, 2001	Bottom hole: 152.4mm	Depth: 4053.5m	EMW : 1692			

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)	220	Den	1120
Dumped (m3)	0	YP	5.75
Form. Losses (m3)	0	PV	20.0
Surf. Losses (m3)	0	Gel10s	1.0
Solids (%)	.065	Gel10m	2.0
Oil (%)	0	Fun Vis	50
Water (%)	100	F/L Tem	17
O/W ratio	0	pH	10.0
Filtrate API	2	Fluid los	8.2
Filtrate HP/HT	0	Chloride:	2200

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	11:00	5.00	D	Continue to log with Baker Atlas, lay down final tool run and rig out
11:00	17:45	6.75	D	Wait on orders to abandon side track
17:45	20:45	3.00	D	Run in hole with BHA, pull out and lay down same
20:45	0:00	3.25	D	Run in hole with open ended 88mm drill pipe, pick up 24 additional singles
0:00	0:15	0.25	S	Rig service
0:15	3:45	3.50	D	Continue to run in hole with 127mm drill pipe
3:45	4:45	1.00	S	Slip and cut 12.5m of drill line
4:45	5:15	0.50	D	Pickup 3 additional joints and tag TD
5:15	6:00	0.75	D	Break circulation
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting on logging hazards
Transferred out spiral drill collars
Received 1 load of 73mm tubing

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		440
Bentonite	sxs		307
Poly Pac R	sxs		54
Poly Pac UL	sxs		47
Poly Plus RD	sxs		18
Lignite	sxs		58
Kelzan	sxs		32
Caustic Soda	sxs		27
Calcium Carbonate	sxs		563
Soda Ash	sxs		10
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3972	B H Disconformity	Dolomite
3972	4041	Watts Bight	Dolomite
4041	4053.5	Berry Head	Limestone

11 SUMMARY OF OPERATIONS

Continued to log with Baker Atlas, wait on orders, run in hole open ended to set plugs

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Hunt	73mm tubing Weatherford drill collars	23:30	01:00	St. Johns

15 PERSONNEL

Company:	2
Drilling Contractors:	19
Service Contractors:	11
TOTAL:	32

13 WELL STATUS at 06:00

Circulating well

16 OPERATIONS PLANNED

Set cement plugs as per program

Next casing point: n/a Well TD: 4054 m

17 SAFETY

DRILLS: 3 Days
DAYS SINCE LAST LTA: 94 Days

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -2c Visibility: Clear

WIND Speed: 55 km/h Direction: North Barometer (Mb): 1016

-14c wind chill with low cloud cover

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig : SIMMONS 31	Date : 15-Dec-01	Days SinceSpud: 120	Report N°: 121
Current depth: 4053.5m	Phase: Re - Entry	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at shoe:	
TD: 4053.5m	TVD: 3951.7m	since: Aug 17, 2001	Bottom hole: 152.4mm	Depth: 4053.5m	EMW : 1692

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	19	3949	21.5	11.50	1.8	104.5	46.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152.4mm	Hughes	STX40	617	Po5JR	3x16	8	8	LT	A	E	1	JD	PR

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

Drill #19: 152mm bit, motor, float sub, non mag DC, hang off sub, non mag DC, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP. **Pulled**

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel / Chem		
Mixed (m3)	220	Den	1120
Dumped (m3)	0	YP	5.75
Form. Losses (m3)	0	PV	20.0
Surf. Losses (m3)	0	Gel10s	1.0
Solids (%)	.065	Gel10m	2.0
Oil (%)	0	Fun Vis	50
Water (%)	100	F/L Tem	17
O/W ratio	0	pH	10.0
Filtrate API	2	Fluid los	8.2
Filtrate HP/HT	0	Chloride	2200

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:00	2.00	D	Continue to pull out of hole with bit #19 to log
8:00	8:30	0.50	D	Lay down directional tools
8:30	6:00	21.50	D	Rig up and log with Baker Atlas, hole conditions in good shape:
				Run 5 logging passes from TD at 4054.6m to 3510m as follows:
				#1 - MAC - GR - CAL
				#2 CN - ZDL - GR - CAL
				#3 HDIL - GR
				#4 HEXDIP - CBIL - GR
				#5 DLL - GR
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting on logging hazards
RSPP - 5200 kPa at 40 stk/min
Flow checks with well remaining static
Hole drag up - 20000 daN,
String weight - 107000 daN
Bit cutters completely wiped out but bearing and gauge in good shape
Transfer out Baker directional equipment and release Baker personnel
Generator for wellsite trailers down

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		440
Bentonite	sxs		307
Poly Pac R	sxs		54
Poly Pac UL	sxs		47
Poly Plus RD	sxs		18
Lignite	sxs		58
Kelzan	sxs		38
Caustic Soda	sxs		27
Calcium Carbonate	sxs		563
Soda Ash	sxs		10
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

11 SUMMARY OF OPERATIONS

Pull out of hole with bit #19 and log with Baker Atlas

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3972	B H Disconformity	Dolomite
3972	4041	Watts Bight	Dolomite
4041	4053.5	Berry Head	Limestone

13 WELL STATUS at 06:00

Continue to log with Baker Atlas

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Hunt	Baker directional equipment		14:00	St. John

15 PERSONNEL

Company:	2
Drilling Contractors:	19
Service Contractors:	11
TOTAL:	32

16 OPERATIONS PLANNED

Complete logging and wait on orders

Next casing point: n/a Well TD: 4054 m

17 SAFETY

DRILLS: 3 Days
DAYS SINCE LAST LTA: 94 Days

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -4c Visibility: Clear

WIND Speed: 45 km/h Direction: NW Barometer (Mb): 1013

High wind chill

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig :	SIMMONS 31	Date :	14-Dec-01	Days SinceSpud:	119	Report N°:	120
Current depth:	4053.5m	Phase:	Re - Entry	Casing size:	177.8mm	Shoe:	3493m	F.I.T. at shoe:	
TD: 4053.5m	TVD: 3951.7m	since:	Aug 17, 2001	Bottom hole:	152.4mm	Depth:	4053.5m	EMW :	1692

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	19	3949	21.5	11.50	1.8	104.5	46.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152.4mm	Hughes	STX40	617	Po5JR	3x16								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
7500	120	990	16900

4 DRILL STRING ASSEMBLY

Drill #19: 152mm bit, motor, float sub, non mag DC, hang off sub, non mag DC, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP.

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
139.7mm Motor	11.50	95.00
139.7mm Jars	11.50	292.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD	145	4040	29.9	276.3

7 MUD

TYPE:	Gel / Chem		
Mixed (m3)	220	Den	1120
Dumped (m3)	0	YP	5.75
Form. Losses (m3)	0	PV	20.0
Surf. Losses (m3)	0	Gel10s	1.0
Solids (%)	.065	Gel10m	2.0
Oil (%)	0	Fun Vis	50
Water (%)	100	F/L Temp	17
O/W ratio	0	pH	10.0
Filtrate API	2	Fluid los	8.2
Filtrate HP/HT	0	Chloride	2200

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	13:30	7.50	D	Drill from 4032m to 4048m
13:30	13:45	0.25	S	Rig service - function test pipe rams
13:45	14:00	0.25	D	Flow check - no flow
14:00	14:30	0.25	R	Check draw works traction motor
14:30	18:30	3.00	D	Drill from 4048m to 4053.5m. Bit stops drilling and begins to torque, Call it TD
18:30	20:00	1.50	D	Circulate bottoms up
20:00	20:15	0.25	D	Survey with inclination at 29.9 degrees
20:15	22:15	2.00	D	Complete 20 stand wiper trip, conduct flow checks - no flow
22:15	0:00	1.75	D	Circulate bottoms up
0:00	6:00	6.00	D	Pull out of hole with bit #19
		22.75		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting on hand signal and trip hazards
RSPP - 5200 kPa at 40 stk/min
Low speed/high torque mud motor w/ near bit under gauge stabilizer
Motor rating is 110 RPM with 1200 l/min
Hole drag up - 20000 daN,
Rotary torque 40% - 7500 ft lbs
String weight - 107000 daN
Continue to see connection gas (small amount)
Pit volumes and return flow rates remain constant while drilling
Penetration rate down to less than 0.5m/hr
Chert in samples up to 2%
Call TD early at 4053.5m measured and 3951.7m TVD
Estimated 12m of over hole
Mixed 8m3 of polymer mud and shipped to Indian Head well

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		20
Bentonite	sxs		107
Poly Pac R	sxs		19
Poly Pac UL	sxs		47
Poly Plus RD	sxs		18
Lignite	sxs		58
Kelzan	sxs	-1	38
Caustic Soda	sxs		27
Calcium Carbonate	sxs		563
Soda Ash	sxs		10
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3972	B H Disconformity	Dolomite
3972	4041	Watts Bight	Dolomite
4041	4053.5	Berry Head	Limestone

11 SUMMARY OF OPERATIONS

Drilled to TD at 4053.5m, circulated clean and pulled out of hole to log

13 WELL STATUS at 06:00

Continue to pull out of hole to log

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	19
Service Contractors:	11
TOTAL:	32

16 OPERATIONS PLANNED

Log well with Baker Atlas

Next casing point: n/a Well TD: 4054 m

17 SAFETY

DRILLS:	2 Days
DAYS SINCE LAST LTA:	93 Days

18 COSTS in CAN$

DAILY:	(dry well)
CUMULATIVE:	0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 2c Visibility: Clear

WIND Speed: 45 km/h Direction: East Barometer (Mb): 1015

High wind gusts with driving rain

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig :	SIMMONS 31	Date :	13-Dec-01	Days SinceSpud:	118	Report N°:	119
Current depth:	4032m	Phase:	Re - Entry	Casing size:	177.8mm	Shoe:	3493m	F.I.T. at shoe:	
		since:	Aug 17, 2001	Bottom hole:	152.4mm	Depth:	4032m	EMW :	1692

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	19	3949	57	22.75	2.5	83	35.00

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152.4mm	Hughes	STX40	617	Po5JR	3x16								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
7500	120	990	16900

4 DRILL STRING ASSEMBLY

Drill #19: 152mm bit, motor, float sub, non mag DC, hang off sub, non mag DC, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP.

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
139.7mm Motor	22.75	83.00
139.7mm Jars	22.75	280.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD	143	3989.5	24.4	277.8
MWD	144	4017.8	26.5	276.7

7 MUD

TYPE: Gel / Chem

Mixed (m3)	220	Den	1120
Dumped (m3)	0	YP	5.75
Form. Losses (m3)	0	PV	20.0
Surf. Losses (m3)	0	Gel10s	1.0
Solids (%)	.065	Gel10m	2.0
Oil (%)	0	Fun Vis	50
Water (%)	100	F/L Temp	17
O/W ratio	0	pH	10.0
Filtrate API	2	Fluid los	8.2
Filtrate HP/HT	0	Chloride	2200

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	9:30	3.50	D	Drill from 3975m to 3982m
9:30	9:45	0.25	D	Survey at 3970m with inclination at 24.7 degrees
9:45	17:30	9.25	D	Slide from 3982m to 3986m with 180 degrees, Drill from 3986m to 4001m
17:30	17:15	0.25	D	Survey at 3989m with inclination at 24.4 degrees
17:15	4:15	9.00	D	Drill from 4001m to 4029m
4:15	4:30	0.25	S	Rig service - BOP drill
4:30	4:45	0.25	D	Survey at 4015m with inclination at 26.5 degrees
4:45	6:00	1.25	D	Drill from 4029m to 4032m
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting on tongs, steam and kick detection
RSPP - 6300 kPa at 40 stk/min
Low speed/high torque mud motor w/ near bit under gauge stabilizer
Motor rating is 110 RPM with 1200 l/min
Hole drag up - 16000 - 17000 daN, Hole drag down - 10000 daN
Rotary torque 40% - 7500 ft lbs
String weight - 106000 daN
Continue to see connection gas (small amount)
Pit volumes and return flow rates remain constant while drilling
Held BOP drill

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		20
Bentonite	sxs		107
Poly Pac R	sxs		19
Poly Pac UL	sxs	-1	47
Poly Plus RD	sxs		18
Lignite	sxs	-2	58
Kelzan	sxs		39
Caustic Soda	sxs		27
Calcium Carbonate	sxs		563
Soda Ash	sxs		10
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

11 SUMMARY OF OPERATIONS

Continue to drill ahead from 3975m to 4032m conducting surveys

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3583	3630	Costa Bay	Limestone
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3972	B H Disconformity	Dolomite
3972	4032	Watts Bight	Dolomite

13 WELL STATUS at 06:00

Drilling ahead from 4032m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Loomis	2 - drill bits	13:00		
Ways	Barite	01:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	22
Service Contractors:	11
TOTAL:	35

16 OPERATIONS PLANNED

Drill to TD and pull wiper trip

Next casing point: n/a Well TD: 4080m

17 SAFETY

DRILLS: 1 Days
DAYS SINCE LAST LTA: 92 Days

18 COSTS

in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: -6 Visibility: Clear
WIND Speed: 6 km/h Direction: S-W Barometer (Mb): 1044

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATION ONSHORE DAILY DRILLING REPORT GARDEN HILL FIELD	Well : **PAP # 1, ST #1**	Rig : **SIMMONS 31**	Date : **12-Dec-01**	Days SinceSpud: **117**	Report N°: **118**
		Current depth: **3975m**	Phase: **Re - Entry** since: Aug 17, 2001	Casing size: **177.8mm** Bottom hole: 152.4mm	Shoe: **3493m** Depth: 3975m	F.I.T. at shoe: **EMW : 1692**

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	19	3949	26	12.25	2.1	26	12.25

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152.4mm	Hughes	STX40	617	Po5JR	3x16								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
7500	130	990	17500

4 DRILL STRING ASSEMBLY

Drill #19: 152mm bit, motor, float sub, non mag DC, hang off sub, non mag DC, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP.

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
139.7mm Motor	12.25	61.00
139.7mm Jars	12.25	257.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD		3942	24.1	275.3
MWD		3951	24.5	275.3

7 MUD

TYPE: **Gel / Chem**

Mixed (m3)	222	Den	1105
Dumped (m3)	0	YP	5.27
Form. Losses (m3)	0	PV	22.0
Surf. Losses (m3)	0	Gel10s	1.5
Solids (%)	.050	Gel10m	2.5
Oil (%)	0	Fun Vis	51
Water (%)	100	F/L Temp	14
O/W ratio	0	pH	10.0
Filtrate API	2	Fluid los	8.5
Filtrate HP/HT	0	Chloride	2200

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:30	1.50	D	Continue to run in hole with bit #19
7:30	8:00	0.50	D	Break circulation and pulse test MWD tool at 1075m
8:00	9:30	1.50	D	Run in hole to 2125m
9:30	9:45	0.25	D	Break circulation and pulse test MWD tool
9:45	10:00	0.25	S	Rig service - conduct flow check - no flow
10:00	10:45	0.75	R	Inspect and repair electrical on driller's panel
10:45	13:30	2.75	D	Run in hole to 3500m
13:30	14:00	0.50	D	Break circulation and pulse test MWD tool
14:00	15:15	1.25	S	Slip and cut 25m of drill line
15:15	16:15	1.00	D	Run in hole to 3931m
16:15	16:30	0.25	D	Break circulation and wash to bottom with no fill
16:30	18:00	1.50	D	Drill from 3949m to 3952m
18:00	18:45	0.75	R	Inspect traction motor on draw works, excess movement in motor staff
18:45	19:15	0.50	D	Drill from 3952m to 3953m
19:15	19:30	0.25	D	Survey at 3942m
19:30	0:15	4.75	D	Drill from 3953m to 3963m
0:15	0:30	0.25	D	Survey at 3951m
0:30	6:00	5.50	D	Slide from 3963m to 3965m with 180 degrees, Drill from 3965 to 3975m
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting on tripping and use of steam
RSPP - 6300 kPa at 40 stk/min
Low speed/high torque mud motor w/ near bit under gauge stabilizer
Motor rating is 110 RPM with 1200 l/min
Hole drag up - 16000 - 17000 daN, Hole drag down - 10000 daN
Rotary torque 38% - 7200 ft lbs
String weight - 105000 daN
Continue to see connection gas (small amount)
Pit volumes and return flow rates remain constant while drilling
Trip gas count at 1.05%
Bottom up mud in good shape after trip. No change in pre and post pit volumes
Chloride count increasing to 2200 mg/l from 1800 mg/l after 5 hrs of drilling

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		20
Bentonite	sxs		107
Poly Pac R	sxs		19
Poly Pac UL	sxs		48
Poly Plus RD	sxs		18
Lignite	sxs		60
Kelzan	sxs		39
Caustic Soda	sxs		27
Calcium Carbonate	sxs		563
Soda Ash	sxs		10
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3975	B H Disconformity	Dolomite

11 SUMMARY OF OPERATIONS

Run in hole with bit #19, Drill ahead from 3949m to 3975m conducting surveys

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	11
TOTAL:	30

13 WELL STATUS at 06:00

Drilling ahead from 3975m

16 OPERATIONS PLANNED

Drill to TD at 4080m

Next casing point: n/a Well TD: 4080m

17 SAFETY

DRILLS: 6 Days
DAYS SINCE LAST LTA: 91 Days

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -5 c Visibility: Clear

WIND Speed: 39 km/h Direction: N-W Barometer (Mb): 1041

Winds gusting to 55 km/h with a -29c wind chill

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig : SIMMONS 31	Date : 11-Dec-01	Days SinceSpud: 116	Report N°: 117
Current depth: 3949m	Phase: Re - Entry	since: Aug 17, 2001	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at shoe:
			Bottom hole: 152.4mm	Depth: 3949m	EMW : 1692

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	18	3830	25	11.00	2.3	119	49.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152.4mm	Hughes	STX40	617	W56JP	3x16	7	7	BT	A	E	I	LT	HR

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
7500	130	990	16000

4 DRILL STRING ASSEMBLY

Drill #18: 152mm bit, motor, float sub, non mag DC, hang off sub, non mag DC, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP. **Pulled**

Drill #19: 152mm bit, motor, float sub, non mag DC, hang off sub, non mag DC, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP.

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
139.7mm Motor	11.00	49.50
139.7mm Jars	11.00	245.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD		3928	23.6	276.0

7 MUD

TYPE: **Gel / Chem**

Mixed (m3)	224.5	Den	1110
Dumped (m3)	0	YP	5.27
Form. Losses (m3)	0	PV	18.0
Surf. Losses (m3)	0	Gel10s	1.0
Solids (%)	.050	Gel10m	2.0
Oil (%)	0	Fun Vis	50
Water (%)	100	F/L Tem	21
O/W ratio	0	pH	10.5
Filtrate API	2	Fluid los	9.0
Filtrate HP/HT	0		

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	10:30	4.50	D	Drill from 3924m to 3933m
10:30	10:45	0.25	D	Flow check
10:45	11:00	0.25	S	Rig service - check motor kills
11:00	11:30	0.50	D	Survey and synchronizing MWD tool
11:30	15:15	4.75	D	Drill from 3933m to 3942m mixing barite at 3 min per sack (9 kg/m3 increase)
15:15	16:30	1.25	D	Circulate up bottom hole sample and complete mixing barite (mud at 1090 kg/m3)
16:30	16:45	0.25	D	Survey
16:45	17:00	0.25	D	Flow check - flowing less than 100 litres in 15 mins (increase in chlorides suggest salt w
17:00	22:00	5.00	D	Start second circulation of barite at 2 mins per sack (13 kg/m3 increase). Go back to drilling from 3942m to 3949m. Circulate bottoms up.
22:00	23:45	1.75	D	Flow check - no flow, Pull 5 stands, fill hole and conduct second flow check - no flow (mud density at 1110 kg/m3), Pull out of hole with bit # 18
23:45	0:00	0.25	S	Rig service - conduct flow check - no flow
0:00	4:15	4.25	D	Pull out of hole with bit, lay down 15 joints of 5 inch drill pipe
4:15	5:15	1.00	D	Check MWD tool, mud motor and change bit
5:15	6:00	0.45	D	Run in hole with bit # 19
		24.70		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting on flow check and laying down drill pipe
RSPP - 7500 kPa at 45 stk/min
Low speed/high torque mud motor w/ near bit under gauge stabilizer
Motor rating is 110 RPM with 1200 l/min
Hole drag up - 15000 daN
Rotary torque 38% - 7200 ft lbs
String weight - 107000 daN
Continue to see connection gas (< 0.90%)
Pit volumes and return flow rates remain constant while drilling
Pit volumes prior to trip 122.8m3
Too many broken teeth on bit #18 to consider running PDC bit
Hole took correct amount of mud on trip out

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs	-190	20
Bentonite	sxs		107
Poly Pac R	sxs		19
Poly Pac UL	sxs		48
Poly Plus RD	sxs		18
Lignite	sxs		60
Kelzan	sxs		39
Caustic Soda	sxs		27
Calcium Carbonate	sxs		563
Soda Ash	sxs		10
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3949	B H Disconformity	Dolomite

11 SUMMARY OF OPERATIONS

Drill from 3924m to 3949m. Mix barite to mud system to stop well flow, Pull out of hole with bit #18
Start in hole with bit #19

13 WELL STATUS at 06:00

Running in hole with bit #19

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	1
Drilling Contractors:	17
Service Contractors:	11
TOTAL:	29

16 OPERATIONS PLANNED

Run in hole with bit # 19 and drill ahead

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 5 Days
DAYS SINCE LAST LTA: 90 Days

18 COSTS

in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: 1 deg Visibility: Clear
WIND Speed: 26 km/h Direction: West Barometer (Mb): 1030
-11 wind chill

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig :	SIMMONS 31	Date :	Dec 10, 2001	Days SinceSpud:	115	Report N°:	116
Current depth:	3924m	Phase:	Re - Entry	Casing size:	177.8mm	Shoe:	3493m	F.I.T. at shoe:	
		since:	Aug 17, 2001	Bottom hole:	152.4mm	Depth:	3924m	EMW :	1692

1 PENETRATION / 2 BITS / DULL / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R	WOB daN	RPM	Flow l/min	Pres. kPa
Drill	18	3830	50	21.75	2.3	94	38.50	152.4mm	Hughes	STX40	617	W56JP	3x16									7500	130	990	16000
Slide																						18000	90	990	16000

4 DRILL STRING ASSEMBLY

Drill #18: 152mm bit, motor, float sub, non mag DC, hang off sub, non mag DC, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP.

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
139.7mm Motor	21.75	38.50
139.7mm Jars	21.75	234.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD		3882	21.5	274.5
MWD		3893	21.3	275.3
MWD		3903	21.40	274.9

7 MUD

TYPE: Gel / Chem

Mixed (m3)	220	Den	1085
Dumped (m3)	0	YP	3.83
Form. Losses (m3)	0	PV	16.0
Surf. Losses (m3)	0	Gel10s	1.0
Solids (%)	.037	Gel10m	2.0
Oil (%)	0	Fun Vis	48
Water (%)	100	F/L Temp	20
O/W ratio	0	pH	10.5
Filtrate API	2	Fluid los	9.8
Filtrate HP/HT	0		

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	12:00	6.00	D	Drill from 3874m to 3887m
12:00	12:15	0.25	S	Rig service - function upper kelly cock
12:15	12:30	0.25	D	Surveys and synchronizing MWD tool
12:30	15:30	3.00	D	Drill from 3887m to 3896m
15:30	16:00	0.50	D	Surveys and synchronizing MWD tool
16:00	20:30	4.50	D	Drill from 3896m to 3905m
20:30	21:00	0.50	D	Surveys and synchronizing MWD tool
21:00	23:45	2.75	D	Drill from 3905m to 3915m with drill break at 3909m to 3913m
23:45	0:00	0.25	D	Flow check - well flowing a small amount
0:00	0:15	0.25	D	Circulate, Surveys and synchronizing MWD tool
0:15	0:30	0.25	D	Flow check - well flowing but volume to small to measure
0:30	6:00	5.50	D	Circulate, Slide from 3915m to 3918m @ 10 degrees right, Drill from 3918m to 3924m
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting on electrical repairs and flow checks
RSPP - 7500 kPa at 45 stk/min
Low speed/high torque mud motor w/ near bit under gauge stabilizer
Motor rating is 110 RPM with 1200 l/min
Hole drag up - 15000 daN and hole drag down - 9000 to 10000 daN
Rotary torque 38% - 7200 ft lbs, stalled motor at 3915m, no problem after that.
String weight - 105000 daN
Drill break at 3909m produced slight well flow and only a small amount of gas
(< 0.09%) upon circulating up. Connection gas was up to 0.94%
Pit volumes and return flow rates remain constant
Drilling chert from 3915m

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		223
Bentonite	sxs	-10	107
Poly Pac R	sxs	-1	19
Poly Pac UL	sxs		48
Poly Plus RD	sxs		18
Lignite	sxs		60
Kelzan	sxs	-1	39
Caustic Soda	sxs		27
Calcium Carbonate	sxs		563
Soda Ash	sxs		10
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3924	B H Disconformity	Dolomite

11 SUMMARY OF OPERATIONS

Drill from 3874m to 3924m conducting surveys and sliding as required. Drill break at 3909 to 3913m producing slight well flow and insignificant gas.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	1
Drilling Contractors:	14
Service Contractors:	11
TOTAL:	26

13 WELL STATUS at 06:00

Drilling ahead from 3924m

16 OPERATIONS PLANNED

Drill ahead, pull out of hole with bit # 18

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 4 Days
DAYS SINCE LAST LTA: 89 Days

18 COSTS

in CAN$
DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: -2 Visibility: Clear
WIND Speed: 24 km/h Direction: N-NW Barometer (Mb): 1032
-14 wind chill with a snow fall over night

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig : SIMMONS 31	Date : Dec 9, 2001	Days SinceSpud: 114	Report N°: 115
Current depth: 3874m	Phase: Re - Entry since: Aug 17, 2001	Casing size: 177.8mm	Shoe: 3493m	Bottom hole: 152.4mm	Depth: 3874m
F.I.T. at shoe: EMW : 1692					

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	DULL CUT. STRUCT. O	DULL CUT. STRUCT. D	DULL CUT. STRUCT. L	DULL OTHERS B	DULL OTHERS G	DULL OTHERS O	DULL OTHERS R
Drill	18	3830	44	16.75	2.6	44	16.75	152.4mm	Hughes	STX40	617	W56JP	3x16								
Slide																					

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
7500	130	990	16000
18000	90	990	16000

4 DRILL STRING ASSEMBLY

Drill #18: 152mm bit, motor, float sub, non mag DC, hang off sub, non mag DC, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP.

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
139.7mm Motor	16.75	16.75
139.7mm Jars	16.75	212.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD		3825	23.0	277.9
MWD		3855	25.1	276.3

7 MUD

TYPE: Gel / Chem

Mixed (m3)	220	Den	1070
Dumped (m3)	0	YP	4.79
Form. Losses (m3)	0	PV	17.0
Surf. Losses (m3)	0	Gel10s	1.0
Solids (%)	.037	Gel10m	2.0
Oil (%)	0	Fun Vis	48
Water (%)	100	F/L Tem	13
O/W ratio	0	pH	10.5
Filtrate API	2	Fluid los	9.7
Filtrate HP/HT	0		

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:00	2.00	D	Continue to run in hole to 2200m with bit #18
8:00	8:15	0.25	D	Break circulation and conduct MWD pulse test
8:15	10:00	1.75	D	Run in hole to 3500m stopping to fill drill pipe at 2800m
10:00	10:15	0.25	D	Break circulation and conduct MWD pulse test
10:15	11:00	0.75	D	Run in hole to 3830m with no fill on bottom
11:00	11:30	0.50	D	Break circulation and synchronize MWD tool with gamma ray
11:30	22:00	10.50	D	Drill from 3830 to 3858m
22:00	22:30	0.50	D	Surveys and synchronizing MWD tool
22:30	22:45	0.25	D	Rig service - function test Remote Choke
22:45	23:00	0.25	D	Drill from 3858m 3859m
23:00	23:30	0.50	R	Pump failure - repair
23:30	3:15	3.75	D	Drill from 3859m to 3867m
3:15	3:45	0.50	D	Surveys and synchronizing MWD tool
3:45	6:00	2.25	D	Slide from 3867m to 3874m at 180 degrees
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting on pump repairs and sliding operations
RSPP - 6500 kPa at 40 stk/min (off bottom)
Low speed/high torque mud motor w/ near bit under gauge stabilizer
Motor rating is 110 RPM with 1200 l/min
Hole drag up - 13000 to 15000 daN and hole drag down - 8000 to 10000 daN
Rotary torque35 to 38% - 7200 ft lbs
String weight - 105000 daN
Some chert identified in cutting samples

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		223
Bentonite	sxs		117
Poly Pac R	sxs		20
Poly Pac UL	sxs		48
Poly Plus RD	sxs		18
Lignite	sxs		60
Kelzan	sxs		40
Caustic Soda	sxs		27
Calcium Carbonate	sxs		563
Soda Ash	sxs		10
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

11 SUMMARY OF OPERATIONS

Continue to run in hole with bit #18. Drill and slide from 3830 to 3874m

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3562	3583	Aguathuna	Dolomite
3583	3630	Coata Bay	Limestone
3630	3800	Catoche	Limestone
3800	3835	Boat Harbour	Dolomite
3835	3874	B H Disconformity	Dolomite

13 WELL STATUS at 06:00

Sliding at 3874m at 180 degrees

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	1
Drilling Contractors:	14
Service Contractors:	11
TOTAL:	26

16 OPERATIONS PLANNED

Drill ahead with 152mm bit

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 3 Days
DAYS SINCE LAST LTA: 88 Days

18 COSTS

in CAN$
DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: -2 Visibility: Clear
WIND Speed: 12 km/h Direction: N-NW Barometer (Mb): 1030
-6 wind chill

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATION ONSHORE DAILY DRILLING REPORT GARDEN HILL FIELD	Well : **PAP # 1, ST #1**	Rig : **SIMMONS 31**	Date : **Dec 8, 2001**	Days SinceSpud: **113**	Report N°: **114**
		Current depth: **3830m**	Phase: **Re - Entry** since: Aug 17, 2001	Casing size: **177.8mm** Bottom hole: 152.4mm	Shoe: **3493m** Depth: 3830m	F.I.T. at shoe: **EMW : 1692**

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
Drill	17	3730	17	8.00	2.1	100	46.15	152.4	Hughes	STX40	617	X32JG	3x16	7	6	BT	A	E	I	CT	HR
Drill	18	3830						152.4mm	Hughes	STX40	617	W56JP	3x16								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
7500	130	1010	15500

4 DRILL STRING ASSEMBLY

Drill #17	152mm bit, motor, float sub, string stab, non mag DC, hang off sub, non mag DC, string stab, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP. **Pulled**
Drill #18	152mm bit, motor, float sub, non mag DC, hang off sub, non mag DC, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP.

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
139.7mm Motor	0.00	0.00
139.7mm Jars	8.00	195.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD		3816	23.0	279.3

7 MUD

TYPE:	Gel / Chem		
Mixed (m3)	227	Den	1070
Dumped (m3)	0	YP	4.31
Form. Losses (m3)	0	PV	18.0
Surf. Losses (m3)	0	Gel10s	1.0
Solids (%)	.037	Gel10m	2.0
Oil (%)	0	Fun Vis	49
Water (%)	100	F/L Temp	18
O/W ratio	0	pH	10.5
Filtrate API	2	Fluid loss	9.0
Filtrate HP/HT	0		

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	14:00	8.00	D	Drill from 3813m to 3830m
14:00	15:15	1.25	D	Circulate up bottom hole sample
15:15	15:30	0.25	D	Survey at 3816m with inclination at 23 degrees and direction at 279.3 degrees
15:30	19:30	4.00	D	Pull out of hole with bit #17 conducting flow checks
19:30	20:15	0.75	D	Lay down 14 joints of 127mm drill pipe
20:15	22:30	2.25	D	Continue to pull out of hole
22:30	0:00	1.50	D	Gauge and lay down 2 string stabilizer, the MWD tool and the mud motor. Pickup new motor and MWD tool with Gamma Ray. Make up tri-cone bit
0:00	2:45	2.75	D	Run in hole with bit #18 and test motor, pickup jars and remainder of BHA, pickup 15 joints (135m) of 88mm drill pipe
2:45	3:45	1.00	S	Slip and cut 14.8m of drill line
3:45	4:00	0.25	S	Rig service - function test HCR
4:00	5:00	1.00	D	Run in hole to 1095m
5:00	5:30	0.50	D	Fill pipe and break circulation, conduct MWD pulse test and calibrate kelly for Gamma Ray logging
5:30	6:00	0.50	D	Continue to run in hole
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting on cutting drill line and icing conditions
RSPP - 8600 kPa at 60 stk/min (off bottom)
Low speed/high torque mud motor w/ near bit under gauge stabilizer
Motor rating is 110 RPM with 1200 l/min
Hole drag up - 13000 to 15000 daN and hole drag down - 8000 to 9000 daN
Rotary torque35 to 38% - 7200 ft lbs
String weight - 104000 daN
Bit missing too many inserts to run PDC bit
Trace of chert in last sample
Geologist needs Gamma Ray to find formation tops
Nasty winter conditions (high wind chills with ice pellets)

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		223
Bentonite	sxs		117
Poly Pac R	sxs		20
Poly Pac UL	sxs		48
Poly Plus RD	sxs		18
Lignite	sxs		60
Kelzan	sxs		40
Caustic Soda	sxs		27
Calcium Carbonate	sxs		563
Soda Ash	sxs		10
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

11 SUMMARY OF OPERATIONS

Drill to 3830m and pull out of hole. Run in hole with bit #18

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Coata Bay	Limestone
3630	3800	Catoche	Limestone
3800	3830	Boat Harbour	Dolomite

13 WELL STATUS at 06:00

Continue to run in hole with bit #18

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	19
Service Contractors:	9
TOTAL:	30

16 OPERATIONS PLANNED

Drill ahead with 152mm bit

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 2 Days
DAYS SINCE LAST LTA: 87 Days

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -3 Visibility: Snow
WIND Speed: 35 -70 km/h Direction: West Barometer (Mb): 1016
-22c wind chill, wind gusting over 70 km/h with blowing snow and ice pellets

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig : SIMMONS 31	Date : Dec 7, 2001	Days SinceSpud: 112	Report N°: 113
Current depth: 3813m	Phase: Re - Entry	since: Aug 17, 2001	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at shoe:
			Bottom hole: 152.4mm	Depth: 3813m	EMW : 1692

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	17	3730	51	22.75	2.2	83	38.25

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152.4	Hughes	STX40	617	X32JG	3x16								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
7500	130	1010	15500

4 DRILL STRING ASSEMBLY

Drill #17: 152mm bit, motor, float sub, string stab, non mag DC, hang off sub, non mag DC, string stab, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP.

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm string stab	22.75	186.75
152mm string stab	22.75	118.75

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD		3769	21.4	283.4
MWD		3797	23.7	280.6

7 MUD

TYPE: Gel / Chem

Mixed (m3)	230	Den	1080
Dumped (m3)	0	YP	5.75
Form. Losses (m3)	0	PV	18.0
Surf. Losses (m3)	0	Gel10s	1.0
Solids (%)	.037	Gel10m	2.5
Oil (%)	0	Fun Vis	48
Water (%)	100	F/L Tem	19
O/W ratio	0	pH	10.5
Filtrate API	2	Fluid los	8.8
Filtrate HP/HT	0		

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	12:00	6.00	D	Drill from 3762m to 3776m
12:00	12:15	0.25	S	Rig service - held BOP drill
12:15	15:00	2.75	D	Drill from 3776m to 3782m
15:00	15:15	0.25	D	Survey at 3769m with inclination at 21.4 degrees and direction at 283.4 degrees
15:15	15:30	0.25	R	Power failure - work on SCR and panel bays
15:30	16:30	1.00	D	Drill from 3782m to 3783m
16:30	19:00	2.50	D	Slide from 3783m to 3791m with 15 degrees left
19:00	4:00	9.00	D	Drill from 3791m to 3810m
4:00	4:30	0.50	D	Survey at 3797m with inclination at 23.7 degrees and direction at 280.6 degrees
4:30	6:00	1.50	D	Drill from 3810m to 3813m
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting on making connections and icing conditions
RSPP - 7100 kPa at 45 stk/min
Low speed/high torque mud motor w/ near bit under gauge stabilizer
Motor rating is 110 RPM with 1200 l/min
Hole drag up - 13000 to 15000 daN and hole drag down - 8000 to 9000 daN
Rotary torque35 to 38% - 7200 ft lbs
String weight - 103000 daN

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		223
Bentonite	sxs		117
Poly Pac R	sxs	-2	20
Poly Pac UL	sxs		48
Poly Plus RD	sxs		18
Lignite	sxs	-2	60
Kelzan	sxs		40
Caustic Soda	sxs		27
Calcium Carbonate	sxs		563
Soda Ash	sxs		10
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Coata Bay	Limestone
3630	3800	Catoche	Limestone
3800	3813	Boat Harbour	Dolomite

11 SUMMARY OF OPERATIONS

Continue to drill from 3762m to 3813m with surveys at 3788m and 3797m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	19
Service Contractors:	9
TOTAL:	30

13 WELL STATUS at 06:00

Drilling ahead from 3813m

16 OPERATIONS PLANNED

Drill to 3830m with 152mm bit

Next casing point: n/a Well TD: n/a

19 WEATHER

Time of Survey: 6:00 Temp: 4c Visibility: clear
WIND Speed: 35 -70 km/h Direction: West Barometer (Mb): 1007
-14c wind chill, wind gusting to 70 km/h

17 SAFETY

DRILLS: 1 Days
DAYS SINCE LAST LTA: 86 Days

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PAP # 1, ST #1	Rig :	SIMMONS 31	Date :	6-Dec-01	Days SinceSpud:	111	Report N°:	112
Current depth:	3762m	Phase:	Re - Entry	Casing size:	177.8mm	Shoe:	3493m	F.I.T. at shoe:	
		since:	Aug 17, 2001	Bottom hole:	152.4mm	Depth:	3762m	EMW :	1692

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL. Mtrs	CUMUL. Hours
Drill	17	3730	32	15.50	2.1	32	15.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152.4mm	Hughes	STX40	617	x32jg	3x16								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
7500	130	1010	15500

4 DRILL STRING ASSEMBLY

Drill #17: 152mm bit, motor, float sub, string stab, non mag DC, hang off sub, non mag DC, string stab, 8-120mm DC jars, 7-120mm DC, 11-88mm HWDP.

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm string stab	15.50	164.00
152mm string stab	15.50	96.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD		3739	22.6	281.6

7 MUD

TYPE: Gel / Chem

Mixed (m3)	229	Den	1080
Dumped (m3)	0	YP	6.22
Form. Losses (m3)	0	PV	19
Surf. Losses (m3)	0	Gel10s	1.5
Solids (%)	.040	Gel10m	2.5
Oil (%)	0	Fun Vis	51
Water (%)	100	F/L Tem	13
O/W ratio	0	pH	10.5
Filtrate API	2	Fluid los	9.8
Filtrate HP/HT	0		

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	10:30	4.50	D	Continue to run in hole with bit #17, break circulation and conduct pulse test @1100m
10:30	11:00	0.50	S	Break circulation and conduct pulse test at 2150m
11:00	12:00	1.00	D	Continue to run in hole with bit #17
12:00	12:15	0.25	D	Fill drill pipe at 2800m
12:15	12:30	0.25	S	Rig service - Check HCR and function test remote choke
12:30	13:15	0.75	D	Continue to run in hole with bit
13:15	13:30	0.25	D	Break circulation and conduct pulse test at 3500m
13:30	14:00	0.50	D	Run in hole to 3700m
14:00	14:15	0.25	D	Break circulation and wash to bottom at 3730m with no fill
14:15	2:00	11.75	D	Drill from 3730m to 3753m
2:00	2:15	0.25	D	Survey at 3739m with inclination at 22.6 degrees and direction at 281.6 degrees
2:15	6:00	3.75	D	Drill from 3753m to 3762m
		24.00		

9 REMARKS

Conduct daily walk around and inspection
Held safety meeting

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	sxs		223
Bentonite	sxs		107
Poly Pac R	sxs		19
Poly Pac UL	sxs		48
Poly Plus RD	sxs		18
Lignite	sxs		60
Kelzan	sxs		39
Caustic Soda	sxs		27
Calcium Carbonate	sxs		563
Soda Ash	sxs		10
Calcium Chloride	sxs		56
Lime	sxs		15
Drill Thin	sxs		40
SAPP	sxs		8
Sawdust	sxs		20
Primaseal	sxs		60
ID lube XL	drum		19
Drilling det	pail		10
De-foamer X	pail		26

11 SUMMARY OF OPERATIONS

Run in hole with bit #17. Drill from 3730 to 3762 with a survey at 3739m

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 06:00

Drilling ahead from 3762m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Hunt	Baker fishing equipment		23:00	St. Johns

15 PERSONNEL

Company:	1
Drilling Contractors:	19
Service Contractors:	9
TOTAL:	29

16 OPERATIONS PLANNED

Continue to drill ahead

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 4 Days
DAYS SINCE LAST LTA: 85 Days

18 COSTS

in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: 0 deg Visibility: Clear
WIND Speed: 23 Knt Direction: west Barometer (Mb): 1032
clear

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 1-Dec-05	Days SinceSpud: 110	Report N°: 111
Current Depth: 3730m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm	Shoe: 3493m	Bottom hole: 152.4mm	Depth: 3730m
F.I.T. at shoe: EMW : 1692					

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	16	3670	18	11.50	1.5	60	41.00
Drill	17	3730					

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152	Hughes	STX30	537	X80JG	3x16	2	2	WT	A	E	I	nil	HR/PR
152	Hughes	STX40	617	X32JG	3x16								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
6000/7000	130	1000	14800

4 DRILL STRING ASSEMBLY

Drill #16: 152mm bit, motor, float sub, string stab, non mag DC, hang off sub, non mag DC, string stab, 8-120mm DC, jar 7-120mm DC, 11-88mm HWDP **Pulled**

Drill #17: 152mm bit, motor, float sub, string stab, non mag DC, hang off sub, non mag DC, string stab, 8-120mm DC, jar 7-120mm DC, 11-88mm HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm string stab	11.50	148.50
152mm string stab	11.50	80.50

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD		3714.4	23.00	282.0

7 MUD

TYPE: Gel/Chem

Mixed (m3)	223	Den	1090
Dumped (m3)		YP	6.7
Form. Losses (m3)		PV	21.0
Surf. Losses (m3)		Gel10s	2.0
Solids (%)	.045	Gel10m	3.5
Oil (%)		Funnel V	53
Water (%)	100	F/L temp	17
O/W ratio		pH	10.5
Filtrate API	2	Fluid los	8.0
Filtrate HP/HT			

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	12:00	6.00	D	Drill from 3712m to 3722m
12:00	12:15	0.25	S	Rig service - check lower kelly cock
12:15	15:30	3.25	D	Drill from 3722m to 3727m
15:30	15:45	0.25	D	Survey at 3714.4m with deviation at 23 degrees and direction at 282 degrees
15:45	18:00	2.25	D	Drill from 3727m to 3730m
18:00	19:45	1.75	D	Circulate up bottom hole sample
19:45	0:30	4.75	D	Pull out of hole with bit #16 conducting flow checks
0:30	1:30	1.00	S	Slip and cut 12m of drill line
1:30	1:45	0.25	S	Rig service - Function test 88mm pipe rams
1:45	3:30	1.75	D	Continue to pull out of hole with bit #16, recover lost mud screen
3:30	4:30	1.00	D	Check motor, gauge of 3 stabilizer and orientation of MWD
4:30	6:00	1.50	D	Run in hole with bit #17
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting on road conditions and commuting
RSPP - 6000 kPa at 50 stk/min
Low speed/high torque mud motor w/ near bit under gauge reamer, 1.2 degree bent sub
Motor rating is 110 RPM at 1200 L/min
Pull bit on hours and poor penetration rate
Used 30 sxs of gel and 1 caustic for premix sent to core rig via Pardy vac truck
Boiler inspection conducted by government department
10000 to 15000 daN hole drag on trip out of open hole
String weight - 102000 daN

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS	-30	117
Poly Pac R	SXS	-2	22
Caustic Soda	SXS	-1	27
Calcium Carbonate	SXS		563
Defoamer X	Pail		26
Sawdust	SXS		25
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		40
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		62
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3730	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Drill ahead from 3712m to 3730m with a survey at 3714m. Pull out of hole with bit #16. Run in hole with bit #17

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Hunt	Circle T Rental equipment		14:00	Red Deer, AB
Hunt	Baker fishing equipment		14:00	Edmonton, AB

15 PERSONNEL

Company:	1
Drilling Contractors:	15
Service Contractors:	9
TOTAL:	25

13 WELL STATUS at 06:00

Running in hole with bit #17

16 OPERATIONS PLANNED

Wash to bottom and drill ahead with 152mm bit

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 3 DAYS
LAST LTA: 84 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -7c

Wind Spee Nil Direction: Barometer (Mb):

No wind, calm, very strange weather

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 1-Dec-04	Days SinceSpud: 109	Report N°: 110
Current Depth: 3712m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at shoe:	
		Bottom hole: 152.4mm	Depth: 3712m	EMW : 1692	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	16	3670	33	23.75	1.4	42	29.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152	Hughes	STX30	537	X80JG	3x16								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
6000/7000	130	1000	14800

4 DRILL STRING ASSEMBLY

Drill: 152mm bit, motor, float sub, string stab, non mag DC, hang off sub, non mag DC, string stab, 8-120mm DC, jar 7-120mm DC, 11-88mm HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm string stab	23.75	137.00
152mm string stab	23.75	69.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD		3684	24.00	281.3

7 MUD

TYPE: Gel/Chem

Mixed (m3)	223	Den	1080
Dumped (m3)		YP	3.83
Form. Losses (m3)		PV	15.0
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.04	Gel10m	2.0
Oil (%)		Funnel V	45
Water (%)	100	F/L temp	17
O/W ratio		pH	10.5
Filtrate API	2	Fluid los	9.8
Filtrate HP/HT			

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	12:00	6.00	D	Drill from 3679m to 3685m
12:00	12:15	0.25	S	Rig service - check BOP bolts
12:15	0:15	12.00	D	Drill from 3685m to 3697m
0:15	0:30	0.25	D	Survey at 3684m with deviation at 24 degrees and 281.3
0:30	6:00	5.50	D	Drill from 3697m to 3712m
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting on boiler steam
Mud screen left in 127mm pipe 18 stand above 88mm cross over
RSPP - 5100 kPa at 40 stk/min
Drill torque at 38% (5100 ft lbs)
Rotating 35 RPM at surface with motor at an estimated 95 RPM
Low speed/high torque mud motor w/ near bit under gauge reamer, 1.2 degree bent sub
Motor rating is 110 RPM at 1200 L/min
Mix spud mud for core rig in premix tank

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS	-20	147
Poly Pac R	SXS		24
Caustic Soda	SXS		28
Calcium Carbonate	SXS		563
Defoamer X	Pail		26
Sawdust	SXS		25
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS	-4	40
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		62
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3712	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Drill ahead from 3679m to 3712m with a survey at 3684m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Densmore	Fishing jars and bumper	10:00		

15 PERSONNEL

Company:	1
Drilling Contractors:	15
Service Contractors:	9
TOTAL:	25

13 WELL STATUS at 06:00

Drilling ahead from 3712m at 2 m/h

16 OPERATIONS PLANNED

Continue to drill ahead

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 2 DAYS
LAST LTA: 83 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 0c with a -1c wind chill

Wind Spee 15 km/h Direction: West Barometer (Mb):

Snow over night

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,ST	Rig : SIMMONS 31	Date : -Dec-03/01	Days SinceSpud: 108	Report N°: 109
Current Depth: 3679m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3679m	F.I.T. [redacted] EMW [redacted]	

1 PENETRATION / 2 BITS / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R	WOB daN	RPM	Flow l/min	kPa
Drill	16	3670	9	5.75	1.6	9	5.75	152	Hughes	STX30	537	X80JG	3x16									6000	125	990	12000

4 DRILL STRING ASSEMBLY 0.0

Drill: 152mm bit, motor, float sub, string stab, non mag DC, hang off sub, non mag DC, string stab, 8-120mm DC, jars, 7-120mm DC, 11-88mm HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm string stab	5.75	113.25
152mm string stab	5.75	45.25

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD		3512.5	16.80	281.0
MWD		3635.6	22.90	280.9
MWD		3656	23.50	280.2

7 MUD

TYPE: Gel/Chem

Mixed (m³)	207	Den	1070
Dumped (m3)		YP	3.83
Form. Losses (m3)		PV	18
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.037	Gel10m	2.0
Oil (%)		Funnel Vis	47
Water (%)	100	F/L temp	10
O/W ratio		pH	10.5
Filtrate API	2	Fluid loss	9.8
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:00	2.00	D	Continue to run in hole with bottom hole drilling assembly
8:00	8:30	0.50	D	Break circulation at 1000m and conduct MWD pulse test
8:30	10:45	2.25	D	Continue to run in hole installing rubber casing protectors on every second single of 5" DP
10:45	11:15	0.50	D	Break circulation at 2000m and conduct MWD pulse test
11:15	13:00	1.75	D	Continue to run in hole to 2800m installing casing protectors
13:00	13:15	0.25	D	Fill drill pipe at 2800m
13:15	15:00	1.75	D	Continue to run in hole to open hole at 3525m installing rubber casing protectors
15:00	15:30	0.50	D	Break circulation at 3525m and conduct MWD pulse test, record survey at 3512.5m
15:30	16:00	0.50	D	Run in hole to 3648m
16:00	17:30	1.50	D	Break circulation at 3648m and conduct MWD pulse test, record survey at 3635.6m Rotate and wash to bottom breaking in bit and reaming over gauge hole
17:30	18:45	1.25	R	Pump failure - repair
18:45	19:30	0.75	D	Drill from 3671m to 3673m
19:30	21:00	1.50	D	Pump failure. Pull out of hole into 177mm liner conducting flow checks
21:00	1:00	4.00	R	Repair pumps
1:00	1:30	0.50	D	Run in hole to 3667m
1:30	1:45	0.25	D	Break circulation and wash to bottom at 3673m
1:45	6:00	4.25	D	Drill from 3673m to 3679m
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting on rebuilding mud pumps and lock out
Installed 107 rubber casing protectors on every second joint of 127mm drill pipe
Mud screen left in 127mm pipe 18 stand above 88mm cross over
RSPP - 6000kPa at 36 stk/min
Drilling torque - 44%
Rotating 35 RPM at surface with motor at an estimated 90 RPM
Low speed/high torque mud motor w/ near bit under gauge reamer, 1.2 degree bent sub
Motor rating is 110 RPM at 1200 L/min
Baker fishing services released

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS	-10	167
Poly Pac R	SXS	-3	24
Caustic Soda	SXS		28
Calcium Carbonate	SXS	-15	563
Defoamer X	Pail		26
Sawdust	SXS		25
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS	-1	44
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS	-6	62
D-Lube XL	SXS		19
SAPP	SXS		8

11 SUMMARY OF OPERATIONS

Continue to run in hole with drilling assembly. Drill from 3670m to 3679m. Required to pull up into casing to repair both mud pumps.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3679	Catoche	Limestone

13 WELL STATUS at 06:00

Drilling ahead from 3679m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	1
Drilling Contractors:	14
Service Contractors:	9
TOTAL:	24

16 OPERATIONS PLANNED

Continue to drill ahead

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 82 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -3c

Wind Speed 15 km/h Direction: N-W Barometer (Mb):

Clear with good visibility

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Dec-02	Days SinceSpud: 107	Report N°: 108
Current Depth: 3670m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3670	F.I.T. at shoe: EMW : 1692	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	15	3666	4	4.00	1.0	4	4.00
	16	3670					

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152	Hughes	GT-1	116	L24TC	3x16	4	4	WT	A	E	0	NO	PR
152	Hughes	STX30	537	X80JG	3x16								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
8000	50	990	10000

4 DRILL STRING ASSEMBLY

Drill: 152mm tooth bit, junk basket, bit sub, 3-120mm drill collars, bumper sub, jars, pup joint, 9-120mm drill collars, 11-88mm HW drill pipe **Pulled**

Drill: 152mm bit, motor, float sub, string stab, non mag DC, hang off sub, non mag DC, string stab, 8-120mm DC, jars, 7-120mm DC, 11-88mm HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm string stab		107.50
152mm string stab		39.50

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: **Gel/Chem**

Mixed (m3)	209	Den	1090
Dumped (m3)		YP	3.83
Form. Losses (m3)		PV	14.0
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.040	Gel10m	2.0
Oil (%)		Funnel V	46
Water (%)	100	F/L temp	12
O/W ratio		pH	10.5
Filtrate API	2	Fluid loss	12.0
Filtrate HP/HT			

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:00	2.00	D	Continue to run in hole with steel tooth bit and junk basket
8:00	9:00	1.00	D	Break circulation at 2865m
9:00	10:00	1.00	R	SCR failure - repair
10:00	11:30	1.50	D	Continue to run in hole to 3650m
11:30	12:00	0.50	D	Break circulation and wash to bottom at 3666m, Initial torque on junk at bottom
12:00	12:15	0.25	S	Rig service - BOP drill
12:15	13:15	1.00	D	Drill from 3666m to 3667.5m
13:15	13:45	0.50	R	SCR failure - repair
13:45	16:45	3.00	D	Drill from 3667.5m to 3670m with decreasing penetration rate
16:45	18:00	1.25	D	Circulate bottoms up and collect sample
18:00	0:00	6.00	D	Pull out of hole conducting flow checks, lay down 11 joints of 5" drill pipe
0:00	0:30	0.50	D	Recover junk basket and find more metal junk, lay down bumper sub, jars and basket
0:30	2:30	2.00	D	Make up motor, non mag DC, install MWD tool and stabilizer.
2:30	2:45	0.25	S	Rig service - function blind rams
2:45	3:00	0.25	D	Install casing bowl wear bushing
3:00	6:00	3.00	D	Run in hole with bottom hole assembly, pick up kelly, check motor for rotation and conduct a MWD shallow pulse test.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting on tool handling and location water supply (several sick rig hand)
Boil water recommendation in place since well was last tested
Depths used are drillers depth.
Difficulties breaking circulation at 2865, (plugged nozzles??)
SCR failure when operating both pump and draw works
Metal junk consists of WR packer parts, no sign of missing slip die
Low speed/high torque mud motor w/ near bit under gauge reamer, 1.2 degree bent sub
High wind speeds during night impeding operations

10 PRODUCTS

	Unit	in (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		177
Poly Pac R	SXS	-3	27
Caustic Soda	SXS		28
Calcium Carbonate	SXS		578
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3670	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Continue to run in hole with drilling assembly and mill up junk and 4m of new hole, pull bit. Make up and run in hole with MWD drilling assembly

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	13
Service Contractors:	8
TOTAL:	23

13 WELL STATUS at 06:00

Continue to run in hole with MWD drilling assembly

16 OPERATIONS PLANNED

Drill ahead from 3670m

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 0 DAYS
LAST LTA: 81 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 1c with -15c wind chills

Wind Speed Gusting to 55 km/ Direction: West Barometer (Mb):

High cloud and strong west winds

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Dec-01	Days SinceSpud: 106	Report N°: 107
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	15						

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. i	O	D	L	OTHERS B	G	O	R
152	Hughes	GT-1	116	L24TC	3x16								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

Drill: 152mm tooth bit, junk basket, bit sub, 3-120mm drill collars, bumper sub, jars, pup joint, 9-120mm drill collars, 11-88mm HW drill pipe

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	197	Den	1070
Dumped (m3)		YP	1.44
Form. Losses (m3)		PV	14.0
Surf. Losses (m3)		Gel10s	0.5
Solids (%)	.037	Gel10m	1.0
Oil (%)		Funnel V	42
Water (%)	100	F/L temp	9
O/W ratio		pH	10.5
Filtrate API	2	Fluid loss	12.4
Filtrate HP/HT			

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:00	2.00	R	Continue to slip and cut damaged drill line
8:00	9:00	1.00	R	Inspect crown, drill line and blocks, service crown and blocks
9:00	10:00	1.00	R	Inspect kelly bushings and rollers
10:00	10:30	0.50	D	Safety meeting on brakes and overhead equipment
10:30	13:00	2.50	D	OH&S inspection, NO orders issued by Craig Allen
13:00	13:15	0.25	D	Pickup drill string and hold, check anchor and drill line
13:15	18:15	5.00	D	Continue to work WR plug down to TD at 3666m
18:15	1:45	7.50	D	Pull out of hole conducting flow checks with over shot assembly
1:45	2:30	0.75	D	Recover WR plug missing packer elements. Lay down overshot assembly
2:30	2:45	0.25	S	Rig service - function test blind rams
2:45	6:00	3.25	D	Make up steel tooth bit with junk basket and jar. Run in hole with bottom hole assembly and 46 stands of 88mm drill pipe
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting on brakes and draw work (incident)
Depths used are drillers depth.
Complete OH & S inspection with Craig Allan
Slipped and cut 370m of drill line
Complete inspection of draw works and brake by rig mechanic
WR plug hanging up in both the casing and open hole while pushing to bottom
No positive sign off catching fish at TD, may have latched up hole
Required to break circulation several times in open hole to work fish to bottom
Open hole appears in good shape with limited fill
Lost packer elements

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		177
Poly Pac R	SXS		30
Caustic Soda	SXS		28
Calcium Carbonate	SXS		578
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Complete repairs and inspection of rig. Run and push WR plug with 149mm overshot to TD at 3666. Pull out of hole with WR plug. Run in hole with drilling assembly

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	8
TOTAL:	27

13 WELL STATUS at 06:00

Continue to run in hole with drilling assembly

16 OPERATIONS PLANNED

Mill junk on bottom and drill ahead, start out of hole with bit

Next casing point: n/a Well TD: n/a

19 WEATHER

Time of Survey: 6:00 Temp: 1c

WIND Speed: 27 km/h Direction: East Barometer (Mb):

Fog and rain

17 SAFETY

DRILLS: 2 DAYS
LAST LTA: 80 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Nov-30	Days SinceSpud: 105	Report N°: 106
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

Over Shot: 149mm overshot, bumper sub, jars, pup joint, 12-120mm drill collars, 11-88mm HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	197	Den	1085
Dumped (m3)		YP	2.39
Form. Losses (m3)		PV	14.0
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	0.04	Gel10m	1.5
Oil (%)		Funnel V	45
Water (%)	100	F/L temp	5
O/W ratio		pH	10.5
Filtrate API	2	Fluid loss	11
Filtrate HP/HT			

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:15	0.25	D	Check overshot and grapple. No damage
6:15	6:30	0.25	S	Rig service - function test blind rams
6:30	11:00	4.50	D	Run in hole with 149mm overshot with 54mm grapple feeling for WR plug
11:00	12:00	1.00	D	Work fish and overshot through 177mm liner top at 2246m
12:00	13:00	1.00	R	SCR blackout - repair
13:00	14:00	1.00	D	Continue to run in hole tagging plug at 2532m and pushing to 2575m
14:00	18:00	4.00	D	Continue to work WR plug down to 3416m
18:00	20:00	2.00	D	Break circulation at 3416m to bring old stagnant mud to surface
20:00	20:15	0.25	D	Conduct safety meeting with Simmons Rep
20:15	0:00	3.75	R	Park brake on draw works released allowing kelly, swivel and blocks to slide down into kelly bushings in rotary table. Drill line pulled loose from drum
0:00	5:00	5.00	R	Spot crane and lift block and swivel. Anchor drill line back into drum. Lift block with draw works and secure. Inspect draw works and overhead equipment
5:00	6:00	1.00	R	Slip and cut damaged drill line
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Recovered stagnant mud in good shape
No injuries during brake failure, all personnel in doghouse attending a safety meeting
Equipment damage appears to be limited to the drill line
Incident eport issued

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		177
Poly Pac R	SXS		30
Caustic Soda	SXS		28
Calcium Carbonate	SXS		578
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Run and push WR plug with 149mm overshot after tagging fish at 2366m to 3416m. Brake failure on draw works with blocks and swivel landing in kelly bushing. Shut down and repair

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	8
TOTAL:	27

13 WELL STATUS at 06:00

Continue to slip and cut damaged drill line

16 OPERATIONS PLANNED

Repair rig and fish WR plug

Next casing point: n/a Well TD: n/a

19 WEATHER

Time of Survey: 6:00 Temp: -3c with a -13c wind chill
WIND Speed: 22 km/h Direction: East Barometer (Mb):
Snow

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 79 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATION ONSHORE DAILY DRILLING REPORT GARDEN HILL FIELD	Well : **PaP#1,ST#1**	Rig : SIMMONS 31	Date : 01-Nov-29	Days SinceSpud: 104	Report N°: 105
		Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

Over Shot: 149mm overshot, bumper sub, jars, pup joint, 12-120mm drill collars, 11-88mm HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: **Gel/Chem**

Mixed (m3)	197	Den	1085
Dumped (m3)		YP	2.87
Form. Losses (m3)		PV	14.0
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	0.04	Gel10m	3.0
Oil (%)		Funnel V	45
Water (%)	100	F/L temp	12
O/W ratio		pH	10.5
Filtrate API	2	Fluid loss	12
Filtrate HP/HT			

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	9:00	3.00	D	Continue to run in hole with 95mm overshot
9:00	9:15	0.25	D	Break circulation at 2250m
9:15	10:00	0.75	D	Continue to run in hole and tag fish at 2530m
10:00	10:45	0.75	D	Break circulation and work overshot over fish with pressure increase
10:45	12:00	1.25	D	Pull out of hole with fish (wet drill pipe and 2000 daN drag)
12:00	12:15	0.25	S	Rig service - BOP drill
12:15	17:15	5.00	D	Continue to pull out of hole with fish (pipe pulling dry)
17:15	18:00	0.75	D	Recover empty overshot. Change out overshot to a 149mm with a 54mm grapple
18:00	18:15	0.25	D	Run in hole with overshot
18:15	19:00	0.75	D	Conduct safety meeting with Simmons Rep
19:00	0:00	5.00	D	Continue to run in hole with overshot feeling for fish, tag at 2366m, 177mm liner top
0:00	1:00	1.00	D	Break circulation and work overshot, appear to catch fish
1:00	6:00	5.00	D	Pull out of hole with fish (wet drill pipe on the first 8 stands)
				Lost fish
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		177
Poly Pac R	SXS		30
Caustic Soda	SXS		28
Calcium Carbonate	SXS		578
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Run and pull 95mm overshot after tagging fish at 2530m, lost fish. Run and pull 149mm overshot after tagging fish at 2366 lost fish.

13 WELL STATUS at 06:00

Continue to run in with overshot

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	8
TOTAL:	27

16 OPERATIONS PLANNED

Fish WR plug

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 0 DAYS
LAST LTA: 78 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -7c with a -19c wind chill

WIND Speed: 17 km/h Direction: N - NW Barometer (Mb):

Clear and cold

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Nov-28	Days SinceSpud: 103	Report N°: 104
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

Over Shot: 95mm overshot, crossover, crossover, 146mm stabilizer, bumper sub, jars, pup joint, 12-120mm drill collars, 11-88mm HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	197	Den	1085
Dumped (m3)		YP	2.87
Form. Losses (m3)		PV	14.0
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	0.04	Gel10m	3.0
Oil (%)		Funnel V	45
Water (%)	100	F/L temp	12
O/W ratio		pH	10.5
Filtrate API	2	Fluid loss	12
Filtrate HP/HT			

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	9:30	3.50	D	Continue to pull out of hole with wash over mill assembly
9:30	10:30	1.00	D	Slip and cut 12m of drill line
10:30	10:45	0.25	S	Rig service
10:45	11:15	0.50	D	Pull bottom hole assembly
11:15	12:00	0.75	D	Break down washover tool and recover metal debris (sliced slip die)
12:00	15:30	3.50	D	Make up and run same BHA with new mill shoe on 127mm drill pipe
15:30	15:45	0.25	R	Repair hydraulic brake seal
15:45	16:30	0.75	D	Run in hole to 2390m with shoe mill
16:30	17:15	0.75	D	Break circulation and work mill onto WR plug at 2401. Slight torque at surface. Continue to rotate down 0.5m. Stop rotation and pump. Run in to 2429m looking for plug. Plug not felt.
17:15	21:15	4.00	D	Pull out of hole with wash over mill assembly
21:15	22:15	1.00	D	Break down washover tool and recover more metal debris
22:15	23:00	0.75	D	Lay down mill shoe assembly
23:00	1:45	2.75	D	Make up 95mm overshot bottom hole assembly with a 54mm grapple. Run in hole with 88mm drill pipe
1:45	4:30	2.75	R	Lights in derrick go out, fix electrical.
4:30	6:00	1.50	D	Pick up 25 joints of 88mm drill pipe and double make. Continue to run in hole with 127mm drill pipe.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Plug released and fell down hole during second mill run

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS	-24	177
Poly Pac R	SXS		30
Caustic Soda	SXS		28
Calcium Carbonate	SXS	-25	578
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Recover mill assembly with more metal junk. Run in hole with second mill and release plug. Chase for 28m with not tag. Pull out with mill. Run in with overshot

13 WELL STATUS at 06:00

Continue to run in with overshot

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	8
TOTAL:	27

16 OPERATIONS PLANNED

Fish WR plug

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 4 DAYS
LAST LTA: 77 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 0c with a -6c wind chill

WIND Speed: 9 km/h Direction: East Barometer (Mb):

Freezing rain and light snow

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Nov-27	Days SinceSpud: 102	Report N°: 103
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Mill		2400.75	0.25				

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
4000	60	1040	5900

4 DRILL STRING ASSEMBLY

Mill String: Mill shoe, string basket, extension sub, drive sub, crossover, side pocket basket, bit sub, bumper sub, jars, pup joint 12-120mm drill collars, 12-88mm HWDP, cross

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	183	Den	1080
Dumped (m3)		YP	1.92
Form. Losses (m3)		PV	13.0
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	0.037	Gel10m	1.5
Oil (%)		Funnel V	42
Water (%)	100	F/L temp	9
O/W ratio		pH	11.0
Filtrate API	2	Fluid loss	12
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:00	1.00	D	Continue to reverse circulation and work mill over WR plug mandrel
7:00	11:00	4.00	D	Pull out of hole with string basket assembly conducting flow checks
11:00	11:15	0.25	S	Rig service
11:15	12:00	0.75	D	Unload basket, recovered 75% of drag block, large portion of J lock, more slip pieces and metal debris
12:00	16:45	4.75	D	Make up and run in hole with a 83mm overshot and a 52.9mm grapple. String-75000 daN
16:45	18:15	1.50	D	Wash and rotate overshot to top of fish. Stab fish and set grapple. Jar and bump fish with no movement. Max pull was 50000 daN over. Back off of fish
18:15	22:15	4.00	D	Pull out of hole with overshot conducting flow checks
22:15	23:00	0.75	D	Lay down overshot and make up washover mill with junk baskets
23:00	2:00	3.00	D	Run in hole with wash over mill assembly
2:00	4:30	2.50	D	Break circulation, tag fish at 2400.7m and mill. Excessive torque initially
4:30	5:00	0.50	D	Reverse circulate and surge fish top clean. 300kPa pressure increase indicating junk recove
5:00	5:45	0.75	D	Return to forward circulation and milling on fish. Even torque with 4000 daN on mill Milled 0.3m from 2400.7m to 2401m
5:45	6:00	0.25	D	Pull out of hole with wash over mill assembly
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Recovered 4" drag block

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		203
Poly Pac R	SXS		30
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Recover more metal junk. Run in hole with overshot and catch fish, fail to jar free, release fish. Run in hole and mill 0.3m of junk on side of fish. Pull out

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	8
TOTAL:	27

13 WELL STATUS at 06:00

Continue to pull out of hole with washover mill

16 OPERATIONS PLANNED

Fish WR plug

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 3 DAYS
LAST LTA: 76 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 4c with no wind chill

WIND Speed: nil Direction: Barometer (Mb):

Light fog, high humidity and light rain

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Nov-26	Days SinceSpud: 101	Report N°: 102
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	183	Den	1080
Dumped (m3)		YP	1.92
Form. Losses (m3)	0	PV	13.0
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	0.037	Gel10m	1.5
Oil (%)		Funnel V	42
Water (%)	100	F/L temp	9
O/W ratio		pH	11.0
Filtrate API	2	Fluid loss	11
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:45	1.75	D	Continue to run in hole with WR plug retrieving head
7:45	9:30	1.75	D	Break circulation and work retrieving head over WR plug with and without rotation
9:30	13:15	3.75	D	Pull out of hole with retrieving head conducting flow checks
13:15	15:00	1.75	D	Recover empty fishing tool. Inspect and modify retrieving head tool by shortening barrel
15:00	15:15	0.25	S	Rig service - function test blind rams
15:15	19:15	4.00	D	Run in hole with retrieving head
19:15	20:00	0.75	D	Break circulation and work retrieving head over WR plug. See a 3000kPa pressure increase Stop pump and watch for flow. Resume pump with pressure down to 4000kPa
20:00	0:00	4.00	D	Pull out of hole with retrieving head conducting flow checks
0:00	1:15	1.25	D	Recover WR plug equalizing sleeve without the fish head assembly. Lay down retrieving head and make up string basket assembly
1:15	5:00	3.75	D	Run in hole with string basket assembly
5:00	6:00	1.00	D	Break reverse circulation and work mill over WR plug mandrel
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Fish head assembly may have fell thru equalizing sleeve

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		203
Poly Pac R	SXS		30
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

11 SUMMARY OF OPERATIONS

Make two WR plug retrieving head runs and recover equalizing sleeve. Run in hole with junk basket

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Work junk basket

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	8
TOTAL:	27

16 OPERATIONS PLANNED

Pull WR plug

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 2 DAYS
LAST LTA: 75 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 2c with a -9c wind chill

WIND Speed: 11 km/h Direction: south Barometer (Mb):

Clear morning

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Nov-25	Days SinceSpud: 100	Report N°: 101
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	183	Den	1080
Dumped (m3)		YP	1.92
Form. Losses (m3)	0	PV	13.0
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	0.037	Gel10m	1.5
Oil (%)		Funnel V	42
Water (%)	100	F/L temp	9
O/W ratio		pH	11.0
Filtrate API	2	Fluid loss	11
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:15	1.25	D	Make up WR retrieving head and run in hole
7:15	8:15	1.00	S	Slip and cut drill line
8:15	9:30	1.25	D	Continue to run in hole with retrieving head
9:30	9:45	0.25	D	Held BOP drill, well shut-in and secured
9:45	11:15	1.50	D	Continue to run in hole with retrieving head
11:15	12:00	0.75	D	Break circulation, held safety meeting, pressure test casing from surface to 2400m to 21000kPa for 15 minutes. Tie back seals and cemented perfs holding
12:00	12:30	0.50	D	Set down and fish WR plug at 2400m, appear to catch
12:30	12:45	0.25	D	Flow check - well dead
12:45	13:45	1.00	S	Slip and cut damaged drill line
13:45	14:00	0.25	S	Rig service - function test lower pipe rams
14:00	18:30	4.50	D	Pull out of hole with retrieving head conducting flow checks
18:30	19:30	1.00	D	Break down retrieving head, no fish
19:30	20:30	1.00	D	Make up WR retrieving head and run in hole
20:30	3:15	6.75	D	Pressure test BOPs and Manifold as per specs, replace 88mm pipe ram rubbers.
3:15	4:45	1.50	D	Winterize manifold and manifold line, degasser line, and flare line
4:45	6:00	1.25	D	Continue to run in hole with retrieving head
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
"WR" plug set at 2400m by wire line depth
BJ pumping unit rigged out and off location

Recovered 60 % of the element, 5 of 6 slip dies, J lock strap and parts of drag block

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		203
Poly Pac R	SXS		30
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

11 SUMMARY OF OPERATIONS

Run WR plug retrieving head and pull out with no fish. Pressure test tieback liner, BOPs and Manifold. Run in hole with retrieving head Run #2

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Continue to run in hole

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	8
TOTAL:	27

16 OPERATIONS PLANNED

Pull WR plug

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 74 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 3c with a -3c wind chill

WIND Speed: 11 km/h Direction: S-SW Barometer (Mb):

Clear morning

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Nov-24	Days SinceSpud: 99	Report N°: 100
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

String basket: 146mm shoe, basket, extension, drive sub, bumper sub, jars, 12-drill collars, 9-HWDP, xover,

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	183	Den	1080
Dumped (m3)		YP	1.92
Form. Losses (m3)	0	PV	14.00
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	0.037	Gel10m	2.0
Oil (%)		Funnel V	43
Water (%)	100	F/L temp	9
O/W ratio		pH	11.0
Filtrate API	2	Fluid loss	11
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:30	2.50	D	Continue to pull out of hole with plugged drill pipe Run #3
8:30	9:00	0.50	D	Recover 88mm to 127mm cross over fill with junk. Unplug sub
9:00	9:45	0.75	D	Pull out of hole to string basket
9:45	10:30	0.75	D	Unload string basket and recover large metal junk including 2 broken slips dies
10:30	12:15	1.75	D	Run in hole with string basket assembly Run #4
12:15	12:30	0.25	D	Break circulation to ensure drill string is clear
12:30	14:00	1.50	D	Continue to run in hole. Tag obstruction at 2400.5m
14:00	15:30	1.50	D	Reverse circulate over junk and fish neck at 2400m
15:30	15:45	0.25	S	Rig service - Function test hydril
15:45	19:45	4.00	D	Pull out of hole with basket assembly
19:45	20:45	1.00	D	Unload string basket and recover large metal junk including 2 complete slips dies and top nut from WR plug
20:45	0:00	3.75	D	Run in hole with string basket assembly Run #5
0:00	1:00	1.00	D	Break reverse circulation and wash over fish neck. No plugging of drill string
1:00	5:15	4.15	D	Pull out of hole with basket assembly conducting flow checks
5:15	6:00	0.75	D	Recover empty string basket and lay down
		24.40		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
"WR" plug set at 2400m by wire line depth
String basket assembly as follows:
146mm x 0.61m wash over shoe
146mm x 0.42m string finger basket (2 sets of fingers)
146mm x 1.44m wash pipe extension
146mm x 0.82m drive sub
121mm x 2.46m bumper sub with 50.8mm ID
121mm x 3.97m hydraulic jars with 50.8mm ID
88mm x 1.52m pup joint with 68.2mm ID
120mm x 108.77m drill collars (12)
88mm x 84.49m HWDP (9)
88mm x 127mm x 1.33m cross over

Recovered 60 % of the element, 5 of 6 slip dies, J lock strap and parts of drag block

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		203
Poly Pac R	SXS		30
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Recover string basket runs #3 and #4 with cement, rubber and metal junk. Recover string basket run #5 that was empty

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Atlantic	25 jts of 88mm drill pipe	15:00		
Atlantic	Import Tools equipment		16:00	Halifax

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	8
TOTAL:	27

13 WELL STATUS at 06:00

Lay down string basket assembly

16 OPERATIONS PLANNED

Run and pull WR plug from 2400m, may require two runs. Pressure test casing string to 21 mPa prior to releasing WR plug

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 13 DAYS
LAST LTA: 73 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -6c with a -16c wind chill

WIND Speed: 17 km/h Direction: East Barometer (Mb):

Clear morning

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Nov-23	Days SinceSpud: 98	Report N°: 99
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

String basket: 146mm shoe, basket, extension, drive sub, bumper sub, jars, 12-drill collars, 9-HWDP, xover,

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	183	Den	1080
Dumped (m3)		YP	1.92
Form. Losses (m3)	0	PV	14.0
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	0.037	Gel10m	2.5
Oil (%)		Funnel V	45
Water (%)	100	F/L temp	9
O/W ratio		pH	11.0
Filtrate API	2	Fluid loss	10.6
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:30	1.50	D	Continue to pull out of hole with plugged drill pipe
7:30	8:45	1.25		Recover string basket filled with cement, rubber and metal junk. Unplug bumper sub and recover 1/2 of a packer element.
8:45	9:45	1.00	D	Make up string basket fishing assembly with extended wash over skirt (run #2) Lay down plugged stand of heavy weight drill pipe
9:45	11:45	2.00	D	Run in hole to 1290m with string basket
11:45	12:15	0.50	D	Break circulation to ensure drill string is clear
12:15	14:30	2.25	D	Run in hole with basket assembly and tag obstruction at 2399m.
14:30	16:15	1.75	D	Reverse circulate over junk from 2395m to 2400m before plugging off
16:15	20:15	4.00	D	Pull out of hole with basket assembly
20:15	21:30	1.25	D	Break down and clean tool. Recover more junk including 1 slip die and more packer elemen
21:30	22:30	1.00	D	Make up string basket fishing assembly with extended wash over skirt (run #3) and run in hole with bottom hole assembly to 240m. Break circulation to ensure string is clear.
22:30	0:45	2.25	D	Continue to run in hole and tag obstruction at 2400m
0:45	2:45	2.00	D	Break reverse circulation and wash from 2397m to 2400.5m. Forward circulate twice to clea BHA when pressured up. Rotate on bottom to break up junk
2:45	3:15	0.50	D	Pull out of hole with basket assembly and 10 stands before pulling wet.
3:15	3:30	0.25	D	Attempt to clear BHA by pumping down drill pipe. Plug is solid.
3:30	6:00	2.50	D	Continue to pull out of hole with plugged drill pipe (wet)
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
"WR" plug set at 2400m by wire line depth
String basket assembly as follows:
146mm x 0.61m wash over shoe
146mm x 0.42m string finger basket (2 sets of fingers)
146mm x 1.44m wash pipe extension
146mm x 0.82m drive sub
121mm x 2.46m bumper sub with 50.8mm ID
121mm x 3.97m hydraulic jars with 50.8mm ID
88mm x 1.52m pup joint with 68.2mm ID
120mm x 108.77m drill collars (12)
88mm x 84.49m HWDP (9)
88mm x 127mm x 1.33m cross over
Packer element rubber in bumper sub on first two runs
Recovered 60 % of the element and 1 of 6 slip dies

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		203
Poly Pac R	SXS		30
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Recover string basket runs #1 and #2 with cement, rubber and metal junk. Run and pull string basket run #3

13 WELL STATUS at 06:00

Continue to pull out of hole wet with Run #3

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
East Can	6-120mm Drill Collars	23:30		
East Can	Weatherford and Import tools		1:30	St. Johns

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	8
TOTAL:	27

16 OPERATIONS PLANNED

Fish junk from 2400m, Run and pull WR plug from 2400m

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 12 DAYS
LAST LTA: 72 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -2c with a -9c wind chill

WIND Speed: 13 km/h Direction: North Barometer (Mb):

Clear morning

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Nov-22	Days SinceSpud: 97	Report N°: 98
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m		F.I.T. at window: EMW : 0

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	183	Den	1080
Dumped (m3)		YP	3.35
Form. Losses (m3)	0	PV	16.0
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	0.037	Gel10m	3.0
Oil (%)		Funnel V	47
Water (%)	100	F/L temp	9
O/W ratio		pH	11.0
Filtrate API	2	Fluid loss	10.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	9:45	3.75	D	Continue to run in hole with tie back liner on 127mm drill pipe
9:45	10:00	0.25	S	Rig service - function test HCR
10:00	10:15	0.25	D	Break circulation and wash seal nipple to top of PBR
10:15	11:00	0.75	D	Set seal nipple in PBR at 2366m and pressure test to 14000kPa for 10 minutes. Back out o tie back liner and set Hi - Flow packoff. Pressure test tie back liner to 14000kPa for 10 minu Chart using Data Log. Both tests holding. Tie back top set at 2246.5m
11:00	11:15	0.25	D	Bleed off pressure from annulus
11:15	11:45	0.50	D	Rack kelly, pull out 5 stands, a single and the pup joint.
11:45	12:45	1.00	S	Slip and cut drill line
12:45	15:00	2.25	D	Pull out of hole with setting tool
15:00	16:30	1.50	D	Lay down setting tool, 6 singles of 127mm HWDP, 3 - 158mm drill collars
16:30	17:00	0.50	D	Make up string basket fishing assembly with extended wash over skirt
17:00	21:00	4.00	D	Run in hole with basket assembly on 88mm and 127mm drill pipe
21:00	0:00	3.00	D	Break circulation and wash from 2366m to 2394m. Reverse circulate over junk to hard obstruction. Plugging off with junk.
0:00	6:00	6.00	D	Pull out of hole with plugged drill pipe
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Tie back liner top at 2246.5m and requires rotation to enter

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		203
Poly Pac R	SXS		30
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Run in and set tie back liner, pressure test to 14000kPa. Pull out of hole with setting tool. Run in hole with string basket to fish junk from WR plug at 2400m. Plug off and pull out of hole wet.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	16
Service Contractors:	8
TOTAL:	26

13 WELL STATUS at 06:00

Continue to pull out of hole wet

16 OPERATIONS PLANNED

Fish junk from 2400m

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 11 DAYS
LAST LTA: 71 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 0c with a -4c wind chill

WIND Speed: 11 km/h Direction: West Barometer (Mb):

Clear morning

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Nov-21	Days SinceSpud: 96	Report N°: 97
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	183	Den	1080
Dumped (m3)		YP	2.87
Form. Losses (m3)	0	PV	14.00
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	0.037	Gel10m	3.0
Oil (%)		Funnel V	45
Water (%)	100	F/L temp	9
O/W ratio		pH	11.0
Filtrate API	2	Fluid loss	11.6
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:45	0.75	D	Continue to run in hole with 215.9mm bit to 2320m
6:45	22:15	15.50	D	Circulate and condition mud with high pH while waiting on seal nipple assembly
22:15	22:30	0.25	D	Rig service - function test chimo choke
22:30	1:30	3.00	D	Pull out of hole with 215.9mm bit
1:30	5:45	4.25	D	Pick up and make up seal nipple assembly, 9 joints of 177.8mm casing and tie back setting tool, required to break and lay down 2 joints of casing with damaged pin and collar
05:45	6:00	0.25	D	Run in hole with tie back liner on 127mm drill pipe
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Reduced pH from 12.5 to 11.0 with citric acid and bicarb
Run tie back liner as follows:
177.8mm x 1.86m seal nipple assembly with 3 stacks of seals
177.8mm x 116.33m L-80, LTC, 43.15kg/m (29ppf) casing - 9 joints
203mm x 3.28m Import Tool PBR with HI-FLOW packoff
127mm x 3.1m drill pipe handling pup joint.

Mixed:
23 sxs of Bicarb
21 sxs of Citric Acid

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS	-12	203
Poly Pac R	SXS	-2	30
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Run in hole and condition mud. Pull out of hole with bit. Make up tie back liner assembly and run in hole

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	16
Service Contractors:	8
TOTAL:	26

13 WELL STATUS at 06:00

Run in hole with tie back liner on 127mm drill pipe

16 OPERATIONS PLANNED

Set and pressure test tie back liner assembly. Pull out of hole with setting tool. Run in hole to fish junk from 2400m

Next casing point: n/a Well TD: n/a

19 WEATHER Time of Survey: 6:00 Temp: 0c with a -10c wind chill

WIND Speed: 23 km/h Direction: West Barometer (Mb): 1117 mb

Blown snow and light rain

17 SAFETY

DRILLS: 10 DAYS
LAST LTA: 70 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATION ONSHORE DAILY DRILLING REPORT GARDEN HILL FIELD	Well : **PaP#1,ST#1**	Rig : SIMMONS 31	Date : **01-Nov-20**	Days SinceSpud: **95**	Report N°: **96**
		Current Depth: **3666m**	Phase: **RE-ENTRY** since: AUG.17/01	Casing size: **177.8mm** Bottom hole: 152.4mm	Shoe: **3493m** Depth: 3666m	F.I.T. at window: **EMW : 0**

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: **Gel/Chem**

Mixed (m3)	197	Den	1080
Dumped (m3)		YP	2.39
Form. Losses (m3)	0	PV	13.00
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	0.037	Gel10m	1.5
Oil (%)		Funnel V	42
Water (%)	100	F/L temp	9
O/W ratio		pH	12.5
Filtrate API	2	Fluid loss	12.00
Filtrate HP/HT			

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:00	1.00	D	Continue to circulate at 2220m
7:00	7:30	0.50	D	Run in hole to 2327m
7:30	8:45	1.25	D	Break circulation and wash to liner top at 2366m
8:45	9:15	0.50	D	Mill top of liner at 2366m
9:15	9:30	0.25	D	Circulate and condition mud on top of liner
9:30	9:45	0.25	D	Pull up into casing
9:45	11:00	1.25	D	Continue to circulate and condition mud
11:00	14:15	3.25	D	Pull out of hole with tapered mill assembly
14:15	16:00	1.25	D	Lay down mill assembly. Pick up 177mm seal nipple assembly
16:00	19:45	3.75	D	Run in hole with seal nipple assembly on drill pipe.
19:45	20:45	1.00	D	Break circulation and wash seal nipple to PBR. Shut down pump and insert seal nipple. Losing weight and stand pipe pressure increasing. Bleed off stand pipe pressure. Land nipple and pressure up to 3200kPa - holding. Bleed off and set 20000 daN on nipple. Pressure test to 13000kPa - holding.
20:45	0:00	3.25	D	Pull out of hole with seal nipple
0:00	0:45	0.75	D	Clean up seal nipple and inspect. One deep cut over all three element stack. Appears to be cut during an upward movement.
0:45	3:00	2.75	D	Attempt to redress seal nipple using the best of the used seal elements. Have enough good seal elements to build only two of the three seal stacks required.
3:00	6:00	3.00	D	Run in hole with bit to 2320m to circulate and condition mud (high pH from drilling cement)
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Redress kit for seal nipple was to be in Stephenville on last nights plane. Did not arrive.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		215
Poly Pac R	SXS		32
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Pull out of hole with tapered mill. Ran in hole with seal nipple assembly and test PBR. Holding pressure. Pull out of hole with seal nipple. Run in hole and condition mud. Wait on redress kit for seal nipple.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	1
Drilling Contractors:	14
Service Contractors:	8
TOTAL:	23

13 WELL STATUS at 06:00

Conditioning mud at 2320m. Waiting on redress kit for seal nipple.

16 OPERATIONS PLANNED

Circulate and condition mud. Redress seal nipple. Run in hole with tie back liner assembly

Next casing point: n/a Well TD: n/a

19 WEATHER Time of Survey: 6:00 Temp: 6c

WIND Speed: 23 km/h Direction: SE Barometer (Mb):

17 SAFETY

DRILLS: 9 DAYS
LAST LTA: 69 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1.ST#1	Rig : SIMMONS 31	Date : 01-Nov-19	Days SinceSpud: 94	Report N°: 95
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at window:	
		Bottom hole: 152.4mm	Depth: 3666m	EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	Hours	R.O.P. m/h	CUMUL Mtrs	Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mm	Pres. kPa

4 DRILL STRING ASSEMBLY

Taper mill: 228mm tapered mill, bit sub, 3-165mm drill collars, cross over, 6-127mm HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	197	Den	1060
Dumped (m3)		YP	2.87
Form. Losses (m3)	0	PV	13.00
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	0.037	Gel10m	1.5
Oil (%)		Funnel	43
Water (%)	100	F/L tem	9
O/W ratio		pH	12.5
Filtrate API	2	Fluid los	12.00
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
08:00	08:30	2.50	D	Continue to pull out of hole with bit (wet trip)
08:30	09:30	1.00	D	Unplug and clean sand, scale and metal junk from bottom hole assembly
09:30	11:15	1.75	D	Make up 177.8mm casing spear assembly
11:15	12:30	1.25	D	Run in hole with spear assembly
12:30	12:45	0.25	S	Work on hydraulic drum brakes
12:45	15:00	2.25	D	Continue to run in hole with spear assembly
15:00	16:00	1.00	D	Spear into tie back liner, pulls free from PBR with 5000 daN over pull. Pull into tight spot at 2269m, jar and work free.
16:00	21:30	5.50	D	Pull out of hole with 177mm casing fish
21:30	22:30	1.00	D	Break out and lay down casing spear. Inspect Hi-Flow packoff on top of tieback liner. Seal element has been compressed to 100mm and soft metal retaining rings damaged. No large vertical cuts or wash marks to suggest leaking.
22:30	01:00	2.50	D	Pull out of hole and lay down 7 joints of 177mm casing. Inspect seal nipple assembly. Mule shoe has internal and external scaring, all four seal packs have vertical scares with the bottom two sets in the worst shape.
01:00	01:45	0.75	D	Break out and lay down casing spear, jars and bumper sub.
01:45	02:45	1.00	S	Rig service - replace swivel wash pipe
02:45	06:00	3.25	D	Make up and run in hole with tapered mill assembly to dress PBR. Stop at 2220m to break circulation.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection.
Hold safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		215
Poly Pac R	SXS		32
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Ketran	SXS		45
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

11 SUMMARY OF OPERATIONS

Pull out of hole with plugged bit and clear BHA. Make up and run in hole with casing spear. Catch 177mm casing fish a free. Pull out of hole and lay down tie back liner. Run in hole with tapered mill

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Circulating at 2220m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	1
Drilling Contractors:	14
Service Contractors:	8
TOTAL:	23

16 OPERATIONS PLANNED

Dress top of PBR with mill. Run in hole with seal nipple on drill pipe to check for positive seal. Run in hole with tie back liner assembly

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 8 DAYS
LAST LTA: 68 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 2c with a -3c wind chill

WIND Speed 13 km/h Direction SW Barometer (Mb):

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaPf1.ST1	Rig : SIMMONS 31	Date : 01-Nov-18	Days SinceSpud: 93	Report N°: 94
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m		F.I.T. at window: EMW : 0

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	Hours
Junk	RR						32.25

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA
152mm	Hughes	STX30		P56JM	open

DULL

CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

Junk 152mm RR bit, junk basket, bit sub, bumper, jars, 14-DC, 14HWDP, cross over, 6-127mm HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	GelChem		
Mixed (m3)	197	Den	1080
Dumped (m3)		YP	3.83
Form. Losses (m3)	0	PV	12.0
Surf. Losses (m3)		Gel 10s	1.5
Solids (%)	0.037	Gel 10m	2.0
Oil (%)		Funnel	43
Water (%)	100	F/L tem	
O/W ratio		pH	12.5
Filtrate API	2	Fluid los	11.00
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	10:00	4.00	D	Continue to run in hole with 177mm manual J compression set packer
10:00	10:30	0.50	D	Unable to work packer passed 2277m (tie back liner top). Attempt to set packer back into running mode
10:30	15:30	5.00	D	Pull out of hole with packer.
15:30	16:30	1.00	D	Inspect packer, find manual J in the setting mode and the slip retainer cage flared out due to over extension of the mechanical slips
16:30	17:45	1.25	D	Make up 152mm bit with junk basket, bumper and jars
17:45	18:45	1.00	S	Slip and cut drill line
18:45	19:00	0.25	S	Rig service - function test bottom pipe rams
19:00	22:30	3.50	D	Run in hole to 2394.7m, tag obstruction
22:30	23:15	0.75	D	Thaw ice plug in pump line
23:15	00:00	0.75	D	Attempt to break circulation at 2390m, pressure and unable to clear.
00:00	02:00	2.00	D	Pull wet stands out to above 2273m (above tie back liner). Attempt to break circulation with no success.
02:00	06:00	4.00	D	Pull out of hole wet.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Extreme weather condition (high wind chill, limited visibility, blowing snow)

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		215
Poly Pac R	SXS		32
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Ketzan	SXS		45
Poly Plus RD	SXS		19
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

11 SUMMARY OF OPERATIONS

Run in hole with packer, unable to get into tie back liner top, pull out of hole with packer. Run in hole with bit assembly, unable to break circulation at 2390m. Pull out of hole wet.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Continue to pull out of hole with bit assembly (wet)

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Pull out of hole with bit. Run in hole with casing spear and pull tie back liner.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 7 DAYS
LAST LTA: 67 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: -3c with a -14c wind chill

WIND Speed: 24 km/h Direction: West Barometer (Mb):

Blizzard conditions with blowing snow for most of the day

20 COMPANY REPRESENTATIVES

B. Felaka

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1 ST#1	Rig : SIMMONS 31	Date : 01-Nov-17	Days SinceSpud: 92	Report N°: 93
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	Hours	R.O.P. m/h	CUMUL Mtrs	Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel/Chem		
Mixed (m3)	197	Den	1060
Dumped (m3)		YP	5.27
Form. Losses (m3)	0	PV	16.0
Surf. Losses (m3)		Gel10s	2.0
Solids (%)	0.037	Gel10m	8.0
Oil (%)		Funnel	47
Water (%)	100	F/L tem	10
O/W ratio		pH	12.5
Filtrate API	2	Fluid los	16
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
08:00	08:45	2.75	D	Continue to pull out of hole with Halliburton 244mm bridge plug
08:45	09:30	0.75	D	Recover bridge plug with large amount of mental debris on top plate. Break and lay down bottom hole assembly.
09:30	10:15	0.75	D	Rig in BJ pump unit, conduct safety meeting, pressure test treating line to 24000kPa. Pressure test casing from surface to "WR" plug at 2400m. Casing leaking.
10:15	14:15	4.00	D	Make up 177.8mm packer assembly. Run in hole on 15 collars (120mm x 135m)
14:15	15:00	0.75	D	Work packer at 2370m. Possible tight due to dropped sand.
15:00	18:00	3.00	D	Break circulation and work packer free to 2375m. "WR" plug seems to be 25m high. Continue to circulate while attending to accident on highway (16:30 - 18:00)
18:00	18:30	0.50	D	Set packer at 2370.8m with 35000 daN of compression
18:30	20:45	2.25	D	Rig in BJ pump unit, conduct safety meeting, pressure test treating line to 24000kPa. Pressure test down drill string to "WR" plug. Packer not holding with fluid coming up annulus. Release packer and pull 2 stands. Attempt to reset packer.
20:45	01:30	4.75	D	Pull out of hole with 177.8mm packer (high wind speeds gusting up to 60 km/h)
01:30	04:15	2.75	D	Lay down badly damage 177.8mm packer. Make up replacement 177.8mm packer
			D	and attempt to run in hole (wait on extreme weather conditions)
04:15	05:15	1.00	D	Break in weather and begin to run in hole with packer.
05:15	06:00	0.75	D	Stop operation and wait on blizzard conditions to pass.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Large metal debris on bridge plug plate were up to 1 inch in size and half of a packer slip
Pressured up casing to "WR" plug with over 5000kPa pressure drop in 10 minutes
"WR" plug seems high by 25m. A very solid tag at 2375m and a strong pump
pressure increase. A wireline log is not present to confirm plug setting depth
Recovered 177mm packer with washed and missing one seal element. Also missing all
6 slip dies, 1 drag block, damage to 1 "J" latch and massive damage to slip retainer cage.

All personnel on location attended to accident on highway between a car and a truck
and trailer pulling off of PaP location. Required fork lift to free car and crew to free injure
person in car. Emergency rescue were contacted via CIVC personnel. Injured person w
taken to hospital in Stephenville via Ambulance. Statements were collected by the RCM
and an investigation conducted (16:30 to 21:30)
Incident report filed

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		215
Poly Pac R	SXS		32
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Keltan	SXS		45
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		48
Lignite	SXS		60
ID-Lube XL	SXS		19
SAPP	SXS		6

11 SUMMARY OF OPERATIONS

Pull bridge plug and pressure test casing to 2400m with leak. Run in hole with 177mm packer to find leak in tieback liner
Packer failure, pull out of hole and replace. Unable to run in hole due to extreme weather conditions

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Continue to run in hole with 177mm packer

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Run in hole with packer and identify leak in tieback liner assembly.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 6 DAYS
LAST LTA: 66 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: -6c degrees, -27 with wind chill

WIND Speed Gusting 80 km/h Direction: West Barometer (Mb):

Blizzard conditions with blowing snow and heavy fog and then clearing (varied)

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP31,ST=1	Rig : SIMMONS 31	Date : 01-Nov-16	Days SinceSpud: 91	Report N°: 92
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 0	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Pulled	13						

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9	Hughes	GT-1		Y78JE	open	0	0	nil	nil	E	0	nil	

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

Drill: Bit, bit sub, crossover, 3-drill collars, 6-heavy weight drill pipe

Junk Basket: Rev circulating junk basket, bit sub, jars, pup jt, and 6 HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	197	Den	1080
Dumped (m3)		YP	4.31
Form. Losses (m3)	0	PV	14.0
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	0.037	Gel10m	3.0
Oil (%)		Funnel	45
Water (%)	100	Fil. tem	13
O/W ratio		pH	12.5
Filtrate API	2	Fluid los	12
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	07:00	1.00	D	Circulate hole clean
07:00	08:00	1.00	D	Rig in BJ pump unit. Conduct safety meeting. Pressure test treating line to 24000 kPa. Pressure test 244.5mm casing from surface to bridge plug at 2264m to 21000 kPa.
08:00	08:30	0.50	D	Circulate and work string to clear plugged bit nozzle
08:30	08:45	0.25	S	Rig service and function test HCR
08:45	09:30	0.75	D	Run in hole with bit to sand top on bridge plug at 2252m
09:30	10:00	0.50	D	Wash down to 2258m and circulate hole clean
10:00	15:00	5.00	D	Pull out of hole with 215mm drill bit assembly, no wear no bit
15:00	19:15	4.25	D	Make up and run in hole with reverse circulating junk basket assembly
19:15	20:00	0.75	D	Break circulation and work junk basket on sand top at 2258m.
20:00	23:30	3.50	D	Pull out of hole with junk basket assembly. Recover metal debris from basket
23:30	02:30	3.00	D	Make up and run in hole with Halliburton RBP overshot to 2258m
02:30	02:45	0.25	S	Rig service and function test Chime choke
02:45	04:15	1.50	D	Break circulation and wash sand from on top of fish neck. Latch onto Halliburton bridge plug and release. Allow elements to relax and circulate hole clean.
04:15	06:00	1.75	D	Pull out of hole with bridge plug
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Hold safety meeting with rig crew.
Depths used are drillers depth.
Plugged bit nozzle while pushing cement plug to 1530m, worked nozzle clear during trip 1530m to 2250m
Metal debris recovered was less than 1/2 of an inch in size and less than a cup full
No cement or rubber was recovered

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		215
Poly Pac R	SXS		32
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Ketzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

11 SUMMARY OF OPERATIONS

Pressure test casing from surface to packer at 2264m. Pull out of hole with bit. Run junk basket and recover metal debri
Run overshot. Latch and pull out of hole with bridge plug

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Continue to pull out of hole with bridge plug

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Recover bridge plug. Pressure test and find leak in tie back liner assembly

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 5 DAYS
LAST LTA 65 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 6c degrees

WIND Speed: 16 km/h Direction: South Barometer (kPa):

20 COMPANY REPRESENTATIVES

B Felske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATION ONSHORE DAILY DRILLING REPORT GARDEN HILL FIELD	Well : **PaP#1,ST#1**	Rig : SIMMONS 31	Date : **01-Nov-15**	Days SinceSpud: **90**	Report N°: **91**
		Current Depth: **3666m**	Phase: **RE-ENTRY** since: AUG.17/01	Casing size: **177.8mm** Bottom hole: 152.4mm	Shoe: **3493m** Depth: 3666m	F.I.T. at window: **EMW : 0**

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill							
Cement							

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9	Hughes	GT-1		Y78JE	open								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

Drill	Bit, bit sub, crossover, 3-drill collars, 6-heavy weight drill pipe
Cement	

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel/Chem		
Mixed (m3)	197	Den	1080
Dumped (m3)		YP	3.35
Form. Losses (m3)	0	PV	13.0
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	0.037	Gel10m	3.0
Oil (%)		Funnel V	43
Water (%)	100	F/L temp	9
O/W ratio		pH	12
Filtrate API	2	Fluid loss	11
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:15	0.25	D	Drill 1m of soft cement from 905m to 906m
6:15	12:00	5.75	D	Wait on cement
12:00	12:15	0.25	D	Drill 2m of soft cement from 906m to 908m, cement beginning to take weight
12:15	14:45	2.50	D	Continue to wait on cement
14:45	15:00	0.25	D	Drill 2m of soft cement from 908m to 910m
15:00	17:30	2.50	D	Continue to wait on cement
17:30	18:15	0.75	D	Drill 14m of cement from 910m to 924m, Perfs at 920.0m to 920.5m
18:15	18:45	0.50	D	Circulate hole clean
18:45	19:45	1.00	D	Rig in BJ pump unit. Conduct safety meeting. Pressure test treating line to 24000 kPa. Pressure test 244,5mm casing from surface to 924m to 21000 kPa. Sudden pressure drop to 13000kPa after 4mins. Holds at 13000kPa. Pump back up to 21000kPa. Pressure bleeds off to 20000kPa in 15mins.
19:45	6:00	10.25	D	Chase and drill out remainder of cement plug from 924m until pushed to top of second cement plug at 1515m. Drill hard cement and some fishing debris that was on top of second cement plug at 1530m.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Sudden pressure drop from 21000kPa to 13000kPa may have been the remainder of the cement plug at 924m skidding down hole
Pushed and drilled that plug to hard bottom @ 1515m. Drilled 12m of soft cement and 6m hard cement over second perfs at 1530.0m to 1530.5m. Some fishing debris was between cement plugs.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		215
Poly Pac R	SXS		32
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		48
Lignite	SXS		68
ID-Lube XL	SXS		19
SAPP	SXS		8

11 SUMMARY OF OPERATIONS

Continue to wait on cement to set. Drilled out cement from 905m to 924m. Pressure test casing to 21mPa.
Chase remainder of first cement plug and drill second cement plug at 1530m

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Circulate hole clean prior to pressure testing casing

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Hunts	Baker MWD equipment	9:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	**32**

16 OPERATIONS PLANNED

Pressure test casing from surface to packer at 2264m. Fish junk off packer at 2264m and pull packer. Pressure test seal assy of tieback liner.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 4 DAYS
LAST LTA: 64 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 0c degrees

WIND Speed: 11 km/h Direction: SW Barometer (Mb):

20 COMPANY REPRESENTATIVES

B. Felske

CANADIAN IMPERIAL VENTURE CORPORATION
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Nov-14	Days SinceSpud: 89	Report N°: 90
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW	

1 PENETRATION / 2 BITS / DULL / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R	WOB daN	RPM	Flow l/mn	kPa
								215.9	Hughes	GT-1		Y78JE	open												

4 DRILL STRING ASSEMBLY 0.0

Bit, bit sub, crossover, 3-drill collars, 6-heavy weight drill pipe

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m^3)	197	Den	1085
Dumped (m3)		YP	3.83
Form. Losses (m3)	0	PV	14
Surf. Losses (m3)		Gel10s	2
Solids (%)	0.037	Gel10m	5
Oil (%)		Funnel Vis	44
Water (%)	100	F/L temp	7
O/W ratio		pH	12
Filtrate API	2	Fluid loss	11
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	12:00	6.00	D	Continue to wait on cement with drill pipe shut in
12:00	14:15	2.25	D	Release squeeze pressure, rig out cement unit, release squeeze packer and pull out of hole
14:15	17:00	2.75	D	Make up bottom hole bit assembly and run in hole. Tag cement top at 870m
17:00	17:30	0.50	D	Drill out soft cement from 870m to 886m
17:30	0:45	7.25	D	Wait on cement
0:45	1:00	0.25	D	Drill out soft cement from 886m to 895m
1:00	1:45	0.75	D	Wait on cement
1:45	2:00	0.25	D	Drill out soft cement from 895m to 905m
2:00	6:00	4.00	D	Wait on cement
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Cement cuttings recovered at surface are soft and not completely set
Return flow line temperatures are only 7c suggesting BHT may be lower than the estimate
20c used to calculate cement setting times

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		215
Poly Pac R	SXS		32
Caustic Soda	SXS		28
Calcium Carbonate	SXS		603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-1	48
Lignite	SXS	-2	68
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Continue to wait on cement to set. Drilled out soft cement from 870m to 894m
Continue to wait on cement.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

13 WELL STATUS at 06:00

WOC

16 OPERATIONS PLANNED

Allow cement to set. Drill out hard cement. Pressure test cement squeeze

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 3 DAYS
LAST LTA: 63 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -5 deg
WIND Speed: 13 km Direction: NW Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Nov-13	Days SinceSpud: 88	Report N°: 89
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW [redacted]

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m^3)	197	Den	1085
Dumped (m3)		YP	3.83
Form. Losses (m3)	0	PV	14
Surf. Losses (m3)		Gel10s	2
Solids (%)	0.037	Gel10m	5
Oil (%)		Funnel Vis	43
Water (%)	100	F/L temp	14
O/W ratio		pH	11
Filtrate API	2	Fluid loss	10.4
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	9:00	3.00	D	Cont'd milled 244.5 mm cmt retainer w/ bit from 875.1 -875.5 m
9:00	9:15	0.25	S	Rig service.
9:15	10:30	1.25	R	Repair drawork linkage.
10:30	16:45	6.25	D	Drilled cmt from 875.5 - 921 m & fell thru.
16:45	18:30	1.75	D	Attempted to press. Test remedial perfs @ 920 - 20.5 m to 21 mpa w/ no success. Est. inj. Rate of 0.16m3/min @ 18 mpa.
18:30	20:30	2.00	D	Poh w/ 215.9 mm bit.
20:30	22:30	2.00	D	Rih w/ 108 m 88.9 mm tail pipe & 244.5 mm squeeze pkr to 930 m.
22:30	3:00	4.50	D	Spotted 2.8 m3 balanced cmt plug from 930 - 858 m. Hoisted tail pipe to 817 m. backwashed clean. Set 244.5 mm squeeze pkr . Squeezed away 0.66 m3 slurry. Pressured up to 21 mpa w/ no bleed off in 10 mins. Shut in drill pipe.
3:00	6:00	3.00	D	WOC.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Mixed 3.7 tonne 0-1-0 G.
Note; Newfounland mines & energy gave approval to lower csg integrity to 21 mpa.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS	-15	215
Poly Pac R	SXS	-2	32
Caustic Soda	SXS		28
Calcium Carbonate	SXS	-15	603
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		49
Lignite	SXS	-4	70
ID-Lube XL	SXS		19
SAPP	SXS		8

11 SUMMARY OF OPERATIONS

Milled out cmt retainer @ 875 m, drilled out cmt from 875 - 921 m & fell thru. Est inj. Rate of 0.16 m3/min @ 18 mpa.
Poh w/ bit. Rih w/ squeeze pkr & squeezed remedial perfs @ 920 -20.5 m w/ 0.87 tonne 0-1-0 G . WOC.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

WOC

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

WOC, Pohw/ squeeze pkr, Rih w/ 215.9 mm bit. Drillout cmt to remedial perfs @ 920 - 20.5 m & press. Test same 21 mpa.
Drill out cmt plug across remedial perfs @ 1530 - 30.5m Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 2 DAYS
LAST LTA: 62 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -2 deg
WIND Speed: 15 km Direction: w Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S [redacted]	Rig : SIMMONS 31	Date : -Nov-1[redacted]	Days SinceSpud: 87	Report N°: 88
Current Depth: 3666m	Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. [redacted]	
	since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3666m	EMW [redacted]	

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m³)	183	Den	1080
Dumped (m3)		YP	3.83
Form. Losses (m3)	0	PV	13
Surf. Losses (m3)		Gel10s	2
Solids (%)	0.037	Gel10m	3
Oil (%)		Funnel Vis	43
Water (%)	100	F/L temp	14
O/W ratio		pH	10.5
Filtrate API	2	Fluid loss	10.4
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:00	2.00	D	Cont'd WOC.
8:00	21:30	13.50	D	Cont'd rih w/ washover shoe, Tagged cmt @ 874 m, Washed down & tagged cmt retainer @ 874.5 m, Washed over 0.2 m of 244.5 mm cmt retainer in 10 hrs. Poh w/ washover shoe.
21:30	23:45	2.25	D	Rih w/ 215.9 mm bit,
23:45	0:00	0.25	S	Rig service.
0:00	6:00	6.00	D	Milled 244.5 mm cmt retainer w/ bit from 874.5 - 875.1 m.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Note: Wash over shoe was in good condition,
Appeared shoe was sitting on ring above rubber element on cmt retainer & was spinning.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		34
Caustic Soda	SXS		28
Calcium Carbonate	SXS		618
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		40
Soda ash	SXS		10
Kelzan	SXS		45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		49
Lignite	SXS		74
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

WOC. Washed over 244.5 mm cmt retainer 0.2m, Milled 244.5 mm cmt retainer w/ bit from 874.5-875.1 m.

13 WELL STATUS at 06:00

Cont mill 244.5 mm cmt retainer w/ bit.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Cont mill 244.5 mm cmt retainer w/ bit & drill down past remedial perfs @ 920 - 920.5 m. Press. Test remedial perfs,

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 61 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -2 deg

WIND Speed: 15 km Direction: w Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S [redacted]	Rig : SIMMONS 31	Date : -Nov-1[redacted]	Days SinceSpud: 86	Report N°: 87
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW [redacted]	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m^3)	163	Den	1080
Dumped (m3)		YP	9.58
Form. Losses (m3)	0	PV	22
Surf. Losses (m3)		Gel10s	4
Solids (%)	0.037	Gel10m	18
Oil (%)		Funnel Vis	64
Water (%)	100	F/L temp	13
O/W ratio		pH	10
Filtrate API	2	Fluid loss	11.4
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:30	2.50	D	Cont'd rih w/ 244.5 mm halco cmt retainer & set @ 876 m.
8:30	12:00	3.50	D	Circ'd 244.5 mm csg annulus w/ initial rate of 0.3m3/min @ 18 mpa. Pumped 2- 10m3 hi-visc sweeps. Final rate of 1.3m3/min @ 13mpa.
12:00	14:30	2.50	D	Rigged in BJ. Press.tested drillpipe 21 mpa. Carried out circulation cmt job on 244.5 mm csg annulus, Pumped 2.5 m3 slurry super sweep (1.2 tonne 0-1-0 G), Followed by 27.5 m3 slurry (36 tonne 0-1-0 G), Cmt to surface, Displaced drillpipe w/ 6 m3 water. Closed in surface vent valve, Stung out of retainer, Backwashed w/ 20m3 mud.
14:30	17:15	2.75	D	Poh L/D stinger.
17:15	19:00	1.75	D	M/U washover shoe to washover cmt retainer @ 876 m. Rih to 120m .
19:00	20:00	1.00	D	Circ'd hole 1 hr.
20:00	6:00	10.00	D	WOC
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Note: Circulation perfs @ 920-20.5m.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		34
Caustic Soda	SXS		28
Calcium Carbonate	SXS	-70	618
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS	-5	40
Soda ash	SXS		10
Kelzan	SXS	-1	45
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-4	49
Lignite	SXS	-8	74
ID-Lube XL	SXS		19
SAPP	SXS		8

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Set 244.5 mm cmt retainer @ 876m. Circ'd 244.5 mm csg annulus clean & over to mud w/ hi-visc sweeps, Cmted 244.5 mm annulus w/ 37.2 tonne 0-1-0 G, stung out of retainer, backwashed, Poh w/ stinger, M/U washover shoe & rih to 120 m. WOC.

13 WELL STATUS at 06:00

WOC

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

WOC, wash over 244.5 mm cmt retainer @ 876 m. Fish out same.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 0 DAYS
LAST LTA: 60 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 0 deg

WIND Speed: 30 km Direction: sw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Nov-10	Days SinceSpud: 85	Report N°: 86
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW

1 PENETRATION / 2 BITS / DULL / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R	WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m³)	163	Den	1080
Dumped (m3)		YP	5.75
Form. Losses (m3)	0	PV	21
Surf. Losses (m3)		Gel10s	3
Solids (%)	0.037	Gel10m	10
Oil (%)		Funnel Vis	57
Water (%)	100	F/L temp	9
O/W ratio		pH	11
Filtrate API	1.0	Fluid loss	12.4
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	16:00	10.00	D	WOC, Samples hard.
16:00	18:00	2.00	D	SIDPP-21MPA,Bled off, Poh L/D pkr,
18:00	21:00	3.00	D	Rigged up baker atlas, Rih w/ 0.5 m perf. Gun loaded w/ 10-32 gram charges, Perforated @ 920-20.5 m. Poh & rigged out baker atlas , all shots fired.
21:00	5:00	8.00	SF	W/O high winds, gusts to 110 km, blocks blowing into & out of derrick.
5:00	6:00	1.00	D	Rih w/ halco 244.5mm cmt retainer to 500 m.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		34
Caustic Soda	SXS		28
Calcium Carbonate	SXS		688
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS		10
Kelzan	SXS		46
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		53
Lignite	SXS		82
ID-Lube XL	SXS		19
SAPP	SXS		8

11 SUMMARY OF OPERATIONS

WOC samples to harden, SIDPP- 21mpa, bled off to 0, Poh L/D pkr, Perforated @ 920-20.5 m, Rih w/ halco 244.5 mm cmt retainer.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Cont rih w/ cmt retainer.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Set cmt retainer @ 880 m, Circ 244.5 mm annulus.
Cmt 244.5 mm annulus. Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 7 DAYS
LAST LTA: 59 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 3 deg

WIND Speed: 17 km Direction: w Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Nov-0[illegible]	Days SinceSpud: 84	Report N°: 85
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW [redacted]

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	[illegible] kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m^3)	163	Den	1075
Dumped (m3)		YP	6.22
Form. Losses (m3)	0	PV	17
Surf. Losses (m3)		Gel10s	3
Solids (%)	0.037	Gel10m	7
Oil (%)		Funnel Vis	54
Water (%)	100	F/L temp	
O/W ratio		pH	11
Filtrate API	1.0	Fluid loss	12
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	13:30	7.50	SF	W/O weather , high winds 70 - 119 km winds.
13:30	14:00	0.50	D	Attempted to operate by running blocks to monkey board w/ no success, blocks blowing in to derrick.
14:00	17:15	3.25	SF	Cont'd w/o high winds. 40 -80 km.
17:15	18:30	1.25	D	Found press. On drill pipe. TSTM. Released pkr & lowered string to 1541 m. Felt no cmt.
18:30	4:30	10.00	D	Set 244.5 mm pkr w/ tail pipe @ 1531 m. Press. Up on squeezed remedial perfs @ 1530 -30.5 m in small increments. Press.tested to 25 mpa then broke down. Est. injection rate of 0.2 m3/min @ 24 mpa. Released pkr & spotted 1.66 m3 balanced cmt plug Hoisted string to 1476m. Backwashed drill pipe clean. Set 244.5 mm pkr. Squeezed remedial perfs @ 1530 - 30.5 m w/ hesitations, Total slurry squeezed away 1m3 w/ final squeeze press. 0.08m3/min @ 23.5 mpa. Shut in drillpipe.
4:30	6:00	1.50	D	WOC.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Mixed 1.66m3 microcem 1000 = 1.25 tonne w/ 6%nacl2 + 1%cd31
Est cmt top @ 1518 m.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS	+2	34
Caustic Soda	SXS	-2	28
Calcium Carbonate	SXS	+360	208
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS	-22	10
Kelzan	SXS		46
Poly Plus RD	SXS	+2	18
Poly Pac Ultra Low	SXS	+25	20
Lignite	SXS	54	74
ID-Lube XL	SXS		19
SAPP	SXS	-20	8

11 SUMMARY OF OPERATIONS

W/O high winds 70 -119 km. Re-squeezed remedial perfs @ 1530 - 30.5 m w/ 1.66 m3 microcem. WOC.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

WOC

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

WOC. Poh w/ squeeze pkr. Perforate @ 920-20.5 m. set retainer @ 880m. Circ. & sweep 244.5 mm annulus, Cmt 244.5 mm annulus. Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 6 DAYS
LAST LTA: 58 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 1 deg
WIND Speed: 17 km Direction: se Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Nov-0[redacted]	Days SinceSpud: 83	Report N°: 84
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW

1 PENETRATION / 2 BITS / DULL / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R	WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel/Chem		
Mixed (m³)	163	Den	1075
Dumped (m3)		YP	6.22
Form. Losses (m3)	0	PV	17
Surf. Losses (m3)		Gel10s	3
Solids (%)	0.037	Gel10m	7
Oil (%)		Funnel Vis	54
Water (%)	100	F/L temp	
O/W ratio		pH	11
Filtrate API	1.0	Fluid loss	12
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:30	0.50	D	Layed down fish & found it to be a bridge plug.
6:30	12:00	5.50	D	Rih w/ 244.5 mm pkr to 1531 m & set same. Est. inj. Rate w/ 5 m3 mud @ 0.27m3/min @ 24.5 mpa, stop pump, bled down to 20 mpa in 5 mins. Bled back 1.5 m3 in 20 mins. Released pkr.
12:00	14:30	2.50	D	Spotted 1 m3 balanced cmt plug. Hoisted tail pipe to 1476 m. backwashed drill pipe clean
14:30	6:00	15.50	D	Set 244.5 mm pkr & squeezed away slurry w/ hesitations. Total cmt in perforations @ 1530 -30.5 m , 0.8m3. Est cmt top @ 1525 m. WOC w/ press. applied. Final press. @ 0600 hrs 18 mpa. bled off press. To 0.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Mixed 1m3 slurry = 1.333 tonne, Microcem 1000 w/ 6% nacl2+ 1% cd-31

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS	-20	268
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS		32
Kelzan	SXS	-2	46
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		24
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		28

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

L/D fishing tools, cmted remedial perfs @ 1530 - 30.5 m w/ 1.07m3 tonne microcem 1000, held press. On cmt until samples h final press. 18 mpa. Bled off press.

13 WELL STATUS at 06:00

W/O weather, to windy.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

W/O weather, poh w/ 244.5 mm pkr. Perforate @ 920 m for remedial cmtng, set 244.5 mm cmt retainer @ 880 m. circ 244.5 mm annulus prior to cmtng. Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 5 DAYS
LAST LTA: 57 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 0 deg
WIND Speed: 110 km Direction: nw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION | Well : #1,ST#1 | Rig : SIMMONS | Date : Nov-07 | Days SinceSpud: 82 | Report N°: 83

ONSHORE DAILY DRILLING REPORT | Current Depth: 3666m | Phase: RE-ENTRY | since: AUG.17/01 | Casing size 177.8mm | Shoe: 3493m | F.I.T. at wi

GARDEN HILL FIELD | Bottom hole: 152.4mm | Depth: 3666m | EMW [redacted]

1 PENETRATION Typ Oper	RUN N°	EPT tar	PERATI tr	our	R.O. m/h	CUMULI tr	our	2 BITS Diamet	BIT Maker	BIT Typ	IADC Code	Ceria N°	ts TFA	DULL CUT. STRUCT. I	O	D	L	B	G	O	R	3 PARAMETERS WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING 0.0

Diam. + Typ	5 DOWN HOLE T Hrs	Cum.	6 DEVIATION SUR yp	N°	ept	nc	Az.

7 MUD TYPE: Gel/Chem

Mixed (m3)	163	Den	1080
Dumped (m3)		YP	4.31
Form. Losses (m3)	0	PV	17
Surf. Losses (m3)		Gel10s	3
Solids (%)	0.037	Gel10m	7
Oil (%)		Funnel Vis	51
Water (%)	100	F/L temp	
O/W ratio		pH	11
Filtrate API	1.0	Fluid loss	11.4
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FRO	TO	OUR	OD	DESCRIPTION
6:00	10:00	4.00	D	Cont'd n/u bop.
10:00	13:00	3.00	D	Rih w/ 244.5 mm pkr to 1515 m & set same.
13:00	20:00	7.00	D	Attempted to press. Test 244.5 mm csg via annulus w/ no success.
				Injecting @ 0.16m3/min @ 20 mpa.
				Isolate crack in 244.5 mm csg to be from 883 - 913 m.poh w/ pkr.
20:00	6:00	10.00	D	Rih & fished out w/ a grabble washed over cmt retainer @ 2262m.
				recovered fish 100 %
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

883m to surface press. Tested to 28 mpa.

10 PRODUCTION (+) / Used (Stock)

Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		288
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS		32
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		24
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		28

11 SUMMARY OF OPERATIONS

Cont'd n/u bop. Found another leak in 244.5 mm csg, isolated leak @ 883 - 913 m. injection rate of 0.16m3/min @ 20 mpa. fished out washed over cmt retainer @ 2262m w/ grabble, recovered fish 100%.

12 BASIC GEOLOGY

From	To	ormatio	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

rih to cmt remidial perfs @ 1530 - 30.5 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arriv	par	Destinatio

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Sqeeze off perfs @ 1530-30.5m, woc, poh w/ squeeze pkr, perforate for remedial cmtng @ 920m, rih & set cmt retainer @ 880m. Circ cmt up 244.5 mm csg annulus to surf. Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS:	4 DAYS
LAST LTA:	56 DAYS

18 COSTS in CAN$

DAILY:	(dry well)
CUMULATIVE:	0.0% of AFE

19 WEA

Time of Survey: 6:00 Temp: 10 deg
WIND Speed: 45 km Direction: e Barometer (Mb):

20 COMPANY REPRESEN

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well : #1,ST#1	Rig : SIMMONS	Date : Nov-06	Days SinceSpud: 81	Report N°: 82	
Current Depth: 3666m	Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at wi	
	since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3666m	EMW [redacted]	

1 PENETRATION

Typ Oper	RUN N°	EPT tar	PERATIO tr	R.O. our	CUMUL m/h	tr	our

2 BITS

Diamet	BIT Maker	BIT Typ	IADC Code	Ceria N°	ts TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flo l/mn	Pres kPa

4 DRILL STRING 0.0

5 DOWN HOLE T

Diam. + Typ	Hrs	Cum.

6 DEVIATION SUR

yp	N°	ept	nc	Az.

7 MUD

TYPE:	Gel/Chem		
Mixed (m3)	167	Den	1080
Dumped (m3)		YP	3.83
Form. Losses (m3)	0	PV	17
Surf. Losses (m3)		Gel10s	3
Solids (%)	0.037	Gel10m	7
Oil (%)		Funnel Vis	50
Water (%)	100	F/L temp	
O/W ratio		pH	11
Filtrate API	1.0	Fluid loss	11.4
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FRO	TO	OUR	OD	DESCRIPTION
6:00	8:30	2.50	D	Backed off 244.5 mm csg w/ baker back off tool @ 504.5m.
8:30	12:00	3.50	D	Poh L/D baker back off tool.
12:00	15:15	3.25	D	Speared 244.5 mm csg ,cont'd back off, poh & L/D 244.5 mm csg.
15:15	21:15	6.00	D	Rih w/ 244.5 mm new 79.6 kg/m, p110,tc11a & used 69.94 kg/m,ltc,8rd ltc csg. Screwed into backed off jt. @ 504.5 mkb. Pulled 110,000 decs tension to confirm attached.
21:15	6:00	8.75	D	N/D bop, set slips w/ 110,000 decs, installed 346 mm x 35 mpa x 254 mm x 70 mpa tbg head, energized & press. Tested tbg head by cameron rep. To 28 mpa. N/U BOP.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTION (+) / Unified (Stock

Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		288
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS		32
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		24
Lignite	SXS		20
D-Lube XL	SXS		19
SAPP	SXS		28

12 BASIC GEOLOGY

From	To	ormatio	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Backed off 244.5 mm csg @ 504.5 m. retrieved backed off csg, run csg & screwed in @ 504.5 m. N/D bop, set slips w/ 110,000 decs tension, cut csg, installed tbg head & energized & tested same. N/U bop.

13 WELL STATUS at 06:00

Cont N/U bop.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arriv	par	Destinatio

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Cont. N/U bop, run 244.5 mm tst pkr to 1515 m. & press. Test annulus to 28 mpa. Poh & L/D test pkr. Fish washed over cmt retainer on RBP @ 2264 m. Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS:	3 DAYS
LAST LTA:	55 DAYS

18 COSTS in CAN$

DAILY:	(dry well)
CUMULATIVE:	0.0% of AFE

19 WEA

Time of Survey: 6:00 Temp: 8 deg
WIND Speed: 25 km Direction: e Barometer (Mb):

20 COMPANY REPRESEN

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Nov-05	Days SinceSpud: 80	Report N°: 81
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW [redacted]

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m³)	167	Den	1080
Dumped (m3)		YP	4.79
Form. Losses (m3)	0	PV	16
Surf. Losses (m3)		Gel10s	3
Solids (%)	0.037	Gel10m	7
Oil (%)		Funnel Vis	52
Water (%)	100	F/L temp	
O/W ratio		pH	11
Filtrate API	1.0	Fluid loss	11
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	9:00	3.00	D	Cont'd N/D BOP, removed tbg head & DSA. N/U bop.
9:00	14:00	5.00	D	Rih w/ 244.5 mm csg cutter, cut 244.5 mm csg @ 487 m. poh w/ csg cutter.
14:00	23:00	9.00	D	Speared 244.5 mm csg , poh & L/D 244.5 mm csg.
				Found leak to be @ 480m, split in thread approx. 3" long.
23:00	23:15	0.25	S	Rig service.
23:15	0:00	0.75	D	Rigged out weatherford.
0:00	2:30	2.50	D	M/U backoff tool & rih to 200 m.
2:30	5:15	2.75	D	Repair hydraulic brakes.
5:15	6:00	0.75	D	Cont'd rih to 500m.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		288
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS		32
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		24
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		28

11 SUMMARY OF OPERATIONS

N/D BOP, removed tbg head N/U BOP, cut 244.5 mm csg @ 487 m, Rih w/ baker back off tool.
Repair brake hydraulics,

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Back off 244.5 mm csg @ collar @ 504.5 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Poh w/ back off tool, spear 244.5 mm csg @ 487 m, cont w/ backoff @ 504.5 m, poh L/D backed off csg,
Rih w/ 244.5 mm csg, screw in, N/D bop, re-install tbg head. Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 2 DAYS
LAST LTA: 54 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 9 deg
WIND Speed: 8 km Direction: e Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Nov-0	Days SinceSpud: 79	Report N°: 80
Current Depth: 3666m		Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. [redacted]
		since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3666m	EMW [redacted]

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA

DULL / 3 PARAMETERS

CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R	WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m³)	167	Den	1080
Dumped (m3)		YP	4.79
Form. Losses (m3)	0	PV	15
Surf. Losses (m3)		Gel10s	3
Solids (%)	0.037	Gel10m	8
Oil (%)		Funnel Vis	49
Water (%)	100	F/L temp	
O/W ratio		pH	11
Filtrate API	1.0	Fluid loss	11
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:30	0.50	D	Set 244.5 mm baker type C pkr @ 1515 m.
6:30	8:45	2.25	D	Poh w/ setting tool.
8:45	11:30	2.75	D	Rih w/ 244.5 mm test pkr & set @ 655m.
11:30	19:45	8.25	D	Set 244.5 mm test pkr several times in an attempt to isolate 244.5 mm csg leak. Found leak to be @ 475 - 485 m. w/ returns up surface vent. Poh w/ 244.5 mm pkr.
19:45	22:30	2.75	D	Rih w/ 127 mm drill pipe O.E. & stood up @ 631 m. Poh w/ drill pipe.
22:30	1:30	3.00	D	M/U & rih w/ 244.5 mm baker model C retrieving tool & recovered 244.5 mm baker model C RBP @ 631 m. Note: found 244.5 mm baker model C RBP had swabbed up hole while locating leak in 244.5 mm csg.
1:30	6:00	4.50	D	N/D bop
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Note: found 244.5 mm csg to be good (tested to 28 mpa) from 1542 - 2264 m.
485 - 1515m. & surf. - 475m.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		288
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS		32
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		24
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		28

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Set 244.5 baker model C RBP @ 1515 m. Located 244.5 mm csg leak @ 475 - 485 m. Retrieved Baker model C RBP
Poh & N/D BOP.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

13 WELL STATUS at 06:00

Remove tbg head & N/U bop.

16 OPERATIONS PLANNED

N/U bop, cut 244.5 mm csg @ 487 m. POH & L/D 244.5 MM csg, Rih w/ baker back off tool & back off csg @ 504.5 m.
Poh & rih w/ spear & poh w/ backed off csg. Next casing point: n/a Well TD: n/a

19 WEATHER Time of Survey: 6:00 Temp: 9 deg
WIND Speed: o Direction: e Barometer (Mb):

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 53 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Nov-0 3	Days SinceSpud: 78	Report N°: 79
Current Depth: 3666m		Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. [redacted]
		since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3666m	EMW [redacted]

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL I	DULL O	DULL D	DULL L	DULL B	DULL G	DULL O	DULL R

CUT. STRUCT. / OTHERS

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m^3)	167	Den	1080
Dumped (m3)		YP	4.79
Form. Losses (m3)	0	PV	14
Surf. Losses (m3)		Gel10s	3
Solids (%)	0.037	Gel10m	8
Oil (%)		Funnel Vis	47
Water (%)	100	F/L temp	
O/W ratio		pH	11
Filtrate API	1.0	Fluid loss	11
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:00	2.00	D	Est. injection rate of 0.2m3/min @ 23 mpa thru remedial perfs @ 1530-30.5 m w/ BJ pumper. Pumped a total of 19m3 w/ no returns up surface csg vent.
8:00	12:00	4.00	D	Released 244.5 mm test pkr, poh & L/d same.
12:00	20:30	8.50	D	Rih w/ overshot, attempted to enguage fish (washed over 244.5 mm cmt retainer) on top of sand @ 2262m. Poh w/ overshot , no fish,
20:30	21:45	1.25	S	Slipped & cut drill line & rig service.
21:45	4:30	6.75	D	Rih w/ 244.5 mm test pkr to 1542 . Set pkr & press. Tested from 1542 - 2264 m to 28 mpa ok. Released 244.5 mm test pkr, poh & L/d same.
4:30	6:00	1.50	D	M/U & rih w/ 244.5 mm baker model C RBP. To 1500 m.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS	-40	288
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS		32
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		24
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		28

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Est. inj. Rate of 0.2m3/min @ 23 mpa thru remedial perfs @ 1530-30.5 m.
Poh w/ test pkr. Attempted to recover washed over bridge plug w/ overshot no success, poh ,
set test pkr & press.tested 244.5 mm csg from 1542-2264 mkb to 28 mpa ok. Rih w/ RBP .

13 WELL STATUS at 06:00

Cont rih w/ 244.5 mm RBP to 1515 m & set same.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Isolate any leaks in 244.5 mm csg & press. Test all other areas of csg to 28 mpa.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 0 DAYS
LAST LTA: 52 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 11 deg

WIND Speed: 16 km Direction: s Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Nov-0	Days SinceSpud: 77	Report N°: 78
Current Depth: 3666m	Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. [redacted]	
	since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3666m	EMW [redacted]	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m³)	177	Den	1085
Dumped (m3)		YP	7.18
Form. Losses (m3)	0	PV	18
Surf. Losses (m3)		Gel10s	4
Solids (%)	0.04	Gel10m	12
Oil (%)		Funnel Vis	57
Water (%)	100	F/L temp	
O/W ratio		pH	11.5
Filtrate API	1.0	Fluid loss	12
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	14:30	8.50	D	M/U & rih w/ baker type B packer plucker.
14:30	21:45	7.25	D	Milled over 244.5 mm cmt retainer @ 1518m (drillers depth) & cont 'd rih to 1540 m.
21:45	0:00	2.25	D	Poh (wet trip) to 500 m.
0:00	0:15	0.25	S	Rig service.
0:15	2:00	1.75	D	Cont'd poh w/ pkr plucker wet.
2:00	3:00	1.00	D	Recovered 8" off 244.5 mm cmt retainer, remaining 13" in hole, spear broke off in retainer
				leaving 18" in hole w/ approx. 7" poking out of top of retainer.
				Junk basket contained slips & ring pieces.
3:00	5:00	2.00	D	Rih w/ 244.5 mm test pkr.
5:00	6:00	1.00	D	Set pkr @ 1513 m .
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		208
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS	-1	32
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		24
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		28

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Rih w/ pkr plucker, washed over 244.5 mm cmt retainer, cont'd rih past remedial perfs @ 1530-30.5 m, poh wet.
Recovered partial fish (cmt retainer) rih w/ test pkr to 1513 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

13 WELL STATUS at 06:00

Est injection rate of 0.2 m3/min @ 23 mpa. Pumped 19 m3 w/ no returns, no change in rate.

16 OPERATIONS PLANNED

Poh w/ 244.5 mm test pkr, rih & fish remaining cmt retainer, squeeze off remedial perfs @ 1530-30.5 m.

Next casing point: n/a Well TD: n/a

19 WEATHER Time of Survey: 6:00 Temp: 8 deg
WIND Speed: 12 km Direction: s Barometer (Mb):

17 SAFETY

DRILLS: 0 DAYS
LAST LTA: 51 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Nov-0	Days SinceSpud: 76	Report N°: 77
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW

1 PENETRATION / 2 BITS / DULL / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R	WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m³)	177	Den	1085
Dumped (m3)		YP	4.79
Form. Losses (m3)	0	PV	20
Surf. Losses (m3)		Gel10s	3
Solids (%)	.045	Gel10m	14
Oil (%)		Funnel Vis	55
Water (%)	100	F/L temp	
O/W ratio		pH	11.5
Filtrate API	1.0	Fluid loss	12
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	12:00	6.00	D	Baker atlas ran CBL from 1700 - 350 m. found cmt top @ 1535 m.
12:00	19:30	7.50	D	Ran 76.2 mm perf gun on wireline, logged on depth w/ CCL & perforated from 1530 - 1530.5 m Felt slight vac on surf. Vent after perforation. poh, ran 244.5 mm model K-1 cmt retainer on wireline, logged on depth w/ CCL & set cmt retainer @ 1515 m. poh & rigged out baker atlas.
19:30	23:30	4.00	D	Rih w/ cmt retainer stinger.
23:30	2:30	3.00	D	Stung into cmt retainer, attempted to pump w/ no success, Press. Up to 15 mpa w/ no bleed off. Pulled out of retainer circ'd w/ no problem, re- stung into cmt retainer & press. Up in stages to 28 mpa w/ no bleed off, set up to 20,000 decs on retainer.
2:30	6:00	3.50	D	Poh w/ cmt retainer stinger.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		208
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS		33
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		24
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		28

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Logged w/ CBL from 1700 - 350 m. found cmt top @ 1535 m., perf'd from 1530 - 30.5 m, set 244.5 mm cmt retainer @ 1515m, ran stinger, stung into cmt retainer @ 1515m, attempted to pump w/ no success. Press. Up to 28 mpa w/ no bleed off, poh w/ stinger.

13 WELL STATUS at 06:00

w/o orders

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

w/o orders

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 7 DAYS
LAST LTA: 50 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: -2 deg
WIND Speed: 16 km Direction: w Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Oct-3	Days SinceSpud: 75	Report N°: 76
Current Depth: 3666m		Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. [redacted]
		since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3666m	EMW [redacted]

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	Hours	R.O.P. m/h	CUMUL Mtrs	Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m^3)	192	Den	1085
Dumped (m3)		YP	4.79
Form. Losses (m3)	0	PV	19
Surf. Losses (m3)		Gel10s	3
Solids (%)	.045	Gel10m	14
Oil (%)		Funnel Vis	55
Water (%)	100	F/L temp	
O/W ratio		pH	11.5
Filtrate API	1.0	Fluid loss	12
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	5:00	23.00	SF	W/O baker atlas to get across ferry w/ explosives , have been detained since Oct 28. While W/O baker have been working 100% toward winterization of simmons #31.
5:00	6:00	1.00		Rig up baker atlas to run CBL.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		208
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS		33
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		24
Lignite	SXS		20
D-Lube XL	SXS		19
SAPP	SXS		28

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

W/O baker atlas to run CBL.
Rig up baker atlas.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

13 WELL STATUS at 06:00

Cont rig up baker atlas to run CBL.

16 OPERATIONS PLANNED

Run cbl to locate cmt top, perf. Free 244.5 mm csg, set 244.5 mm cmt retainer above perf.
rih w/ stinger. Attempt to circ & condition 244.5 mm annulus. Next casing point: n/a Well TD: n/a

19 WEATHER Time of Survey: 6:00 Temp: -1 deg
WIND Speed: 39 km Direction: w Barometer (Mb):

17 SAFETY

DRILLS: 6 DAYS
LAST LTA: 49 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Oct-3	Days SinceSpud: 74	Report N°: 75
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW [redacted]

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m³)	192	Den	1085
Dumped (m3)		YP	4.79
Form. Losses (m3)	0	PV	19
Surf. Losses (m3)		Gel10s	3
Solids (%)	.045	Gel10m	14
Oil (%)		Funnel Vis	55
Water (%)	100	F/L temp	
O/W ratio		pH	11.5
Filtrate API	1.0	Fluid loss	12
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:45	2.75	D	Rih w/ 244.5 mm halco RBP on drillpipe.
8:45	9:30	0.75	D	Set 244.5 mm RBP @ 2264 m.
9:30	10:45	1.25	D	Dumped 2 lineal meters sand on RBP @ 2264 m.
10:45	14:00	3.25	D	Poh L/D halco setting tool.
14:00	6:00	16.00	SF	W/O baker atlas to get across ferry w/ explosives , have been detained since Oct 28. While W/O baker have been working 100% toward winterization of simmons #31.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Ran haliburton bridge plug as bakers redress kit was lost in toronto by aircanada

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		208
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		45
Soda ash	SXS		33
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		24
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		28

11 SUMMARY OF OPERATIONS

Cont'd rih w/ 244.5 mm halco RBP, set same @ 2264 m, dumped 2 lineal meters sand on RBP, poh, W/O baker atlas to run CBL.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

W/O baker atlas to run CBL.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

W/O baker atlas . ETA-1700 hrs, run cbl to locate cmt top, perf. Free 244.5 mm csg, set 244.5 mm cmt retainer above perf. rih w/ stinger. Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 5 DAYS
LAST LTA: 48 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 4 deg

WIND Speed: 16 km Direction: nw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Oct-2 9	Days SinceSpud: 73	Report N°: 74
Current Depth: 3666m		Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. [redacted]
		since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3666m	EMW [redacted]

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

215.9 mm bit, 3-DC,6-HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m^3)	192	Den	1085
Dumped (m3)		YP	5.27
Form. Losses (m3)	0	PV	18
Surf. Losses (m3)		Gel10s	3
Solids (%)	.045	Gel10m	14
Oil (%)		Funnel Vis	55
Water (%)	100	F/L temp	
O/W ratio		pH	8.5
Filtrate API	1.0	Fluid loss	12
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:00	2.00	D	Drill ahead on hard cmt from 653 - 678m.
8:00	8:30	0.50	R	Repair leak in drawworks brake.
8:30	12:00	3.50	D	Drilled hard cmt from 678 - 698 m.
12:00	12:15	0.25	S	Rig service.
12:15	12:45	0.50	D	Drilled hard cmt from 698 - 701 m & fell thru.
12:45	15:15	2.50	D	Cont'd rih to 800 m. no stringers, poh.
15:15	16:15	1.00	S	Cut & slip .
16:15	18:30	2.25	D	Rih w/ bit & 244.5 mm csg scraper to 2272m.
18:30	21:00	2.50	D	Circ,d hole clean & condition mud.
21:00	1:00	4.00	D	Poh L/D bit & scraper.
1:00	3:15	2.25	SF	W/O retrievable bridge plug.
3:15	6:00	2.75	D	Rih w/ 244.5 mm halco RBP on drillpipe.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS	-2	208
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS	-5	45
Soda ash	SXS		33
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS	-1	24
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS	-1	28

11 SUMMARY OF OPERATIONS

Drilled out hard cmt plug from 646 - 701 m. rih w/ 244.5 mm csg scraper to 2272 m. circ'd hole clean. Poh.
Rih w/ 244.5 mm halco RBP on DP.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Set halco 244.5 mm RBP @ 2264 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Dump 2 lineal meters sand on bridge plug, poh w/ setting tool, run cbl to locate cmt top, perf. Un cmted csg,
set cmt retainer above perfs. Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 4 DAYS
LAST LTA: 47 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 2 deg

WIND Speed: 0 Knt Direction: w Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Oct-2	Days SinceSpud: 72	Report N°: 73
Current Depth: 3666m		Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. [redacted]
		since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3666m	EMW [redacted]

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

215.9 mm bit, 3-DC,6-HWDP

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m^3)	204	Den	1100
Dumped (m3)		YP	3.83
Form. Losses (m3)	0	PV	14
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	.045	Gel10m	3
Oil (%)		Funnel Vis	48
Water (%)	100	F/L temp	
O/W ratio		pH	8.5
Filtrate API	1.0	Fluid loss	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:00	2.00	D	Rigged in bj to press. Test 244.5 mm csg from surface to 646 m.
8:00	10:30	2.50	D	Press. Tested to 22 mpa ok. Increased press. To 24 mpa & split csg began to feed @ 0.16 m3/min @ 6 mpa w/ returns up surface csg vent.
10:30	12:00	2.00	D	N/D bop.
12:00	13:30	0.50	D	Set slips w/ 110,000 decanewtons.
13:30	21:00	7.50	D	Cut & dressed 244.5 mm csg stub, Installed 346 mm x 35 mpa x 254 mm x 70 mpa tbg head, Energized & press. Tested tbg head by cameron rep. N/U bop,
21:00	0:00	3.00	D	M/U & rih w/ under guaged 215.9 mm used bit to 570 m.
0:00	2:30	2.50	D	Set test plug in tbg hanger, Press. Tested bop components 1.4 / 28 mpa.
2:30	2:45	0.25	S	Rig service.
2:45	5:00	2.25	D	Cleaned out cmt stringers to top of hard cmt @ 646 m.
5:00	6:00	1.00	D	Drill ahead on hard cmt from 646 - 653 m.
		23.50		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		210
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		25
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		29

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Press. Tested from surf. - 646 m.split csg @ 24 mpa. Injection rate 0.16 m3/min @ 6 mpa w/ returns up surf. Vent. Installed slips, pulled 110,000 decs, installed tbg head, n/u bop, rih to 570 m w/ bit, press.tested bop, drill ahead on hard cmt from 646 - 653 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

13 WELL STATUS at 06:00

drill ahead on hard cmt @ 653 m.

16 OPERATIONS PLANNED

Drill out cmt plug from 646 - 700 m. poh , run csg scraper to top of liner, condition hole, poh, run 244.5 mm baker model c bridge plug & set @ 2265 m. Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 3 DAYS
LAST LTA: 46 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 5 deg

WIND Speed: 12km Direction: w Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Oct-2[illegible]	Days SinceSpud: 71	Report N°: 72
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	[illegible] kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m³)	204	Den	1100
Dumped (m3)		YP	3.83
Form. Losses (m3)	0	PV	14
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	.045	Gel10m	3
Oil (%)		Funnel Vis	48
Water (%)	100	F/L temp	
O/W ratio		pH	8.5
Filtrate API	1.0	Fluid loss	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	12:00	6.00	D	Cont"d M/U back off tool & rih to 374 mkb. Backed off 244.5 mm csg jt @ 374 mkb.
12:00	16:45	4.75	D	Welded ears on monkey board & installed 2 guy wires for wind protection against derrick toppling in high-winds.
16:45	17:45	1.00	D	L/D back off tools.
17:45	21:45	4.00	D	Rih w/ csg spear & enguaged parted 244.5 mm csg & cont'd back off . Poh & recovered parted 244.5 mm csg jt. 100%.
21:45	6:00	8.25	D	Rih w/ 244.5 mm csg & screwed into backed off csg jt @ 374 mkb.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		210
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		25
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		29

11 SUMMARY OF OPERATIONS

M/U back off tool #2 , rih & backed off parted 244.5 mm csg, poh & rih w/ spear #2 , enguaged 244.5 mm csg , recovered parted 244.5 mm csg 100% , rih w/ 244.5 mm csg & attempting to prees. Test to 28 mpa.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

press. Test 244.5 mm csg to 650 m to 28 mpa.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

press.test leaking.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 2 DAYS
LAST LTA: 45 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 7 deg

WIND Speed: 12km Direction: e Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well :	P#1,S [redacted]	Rig : SIMMONS 31	Date : -Oct-2	Days SinceSpud: 70	Report N°: 71
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m^3)	204	Den	1100
Dumped (m3)		YP	3.35
Form. Losses (m3)	0	PV	15
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	.045	Gel10m	3
Oil (%)		Funnel Vis	48
Water (%)	100	F/L temp	
O/W ratio		pH	8.5
Filtrate API	1.0	Fluid loss	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	11:15	5.25	D	Cont"d rigged up weatherford, poh L/D 354 m 244.5 mm csg,
11:15	12:45	1.50	D	Picked up 1 jt off csg w/ bad pin & broke off collar.
12:45	13:00	0.25	S	Rig service.
13:00	16:00	3.00	D	Rih w/ tapered mill to 362 mkb. Milled from 362-364 m to dress top of parted 244.5 mm csg. Poh.
16:00	1:30	9.50	D	M/U & rih w/ baker back off tool to bottom off parted 244.5 mm csg @ 374 m. attempted back off, poh.
1:30	5:00	3.50	D	Rih w/ csg spear & enguaged parted 244.5 mm csg jt & attempted to cont. w/ back off w/ no success. Connection still to tight. Poh
5:00	5:15	0.25	S	Rig service.
5:15	6:00	0.75	D	Re M/U back off tools.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Note: Parted csg was below a collar. Appeared there had been to much gap inside collar between the 2 csg jts causing a lip to form from tools hitting it.
Eventually pushing one side of csg pin down causing it to split.
Remaining 244.5 mm csg was in good condition w/ no trace of corrosion.
2 jts were damaged when attempting to break. Threads gulled.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		210
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		25
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		29

11 SUMMARY OF OPERATIONS

L/D 244.5 mm parted csg. Dress top of parted csg @ 362 m w/ tapered mill, attempted to back off w/ baker back off tool. attempted to recover parted 244.5 mm csg jt w/ spear & found jt still to tight.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

M/U baker back off tool for run #2.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Back off 244.5 mm csg or cut same below parted jt . Rerun 244.5 mm csg.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 44 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 11 deg
WIND Speed: 29 km Direction: e Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Oct-2[redacted]	Days SinceSpud: 69	Report N°: 70
Current Depth: 3666m		Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. [redacted]
		since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3666m	EMW [redacted]

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m³)	204	Den	1100
Dumped (m3)		YP	2.87
Form. Losses (m3)	10	PV	15
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	.045	Gel10m	3
Oil (%)		Funnel Vis	48
Water (%)	100	F/L temp	0
O/W ratio		pH	8.5
Filtrate API	1.0	Fluid loss	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:00	1.00	D	Hoisted drill pipe to 650 m. backwashed. Hoist 1 single.
7:00	13:00	6.00	D	WOC.
13:00	13:30	0.50	D	Tagged cmt top @ 650 m.
13:30	15:15	1.75	D	Poh w/ drill pipe O.E.
15:15	22:00	6.75	D	N/D bop. Removed 346 mm 35 mpa x 254 mm 35 mpa cameron tbg head.
22:00	1:00	3.00	D	N/U bop.
1:00	5:30	4.50	D	Enguaged 244.5 mm csg w/ spear & hoisted to floor.
5:30	6:00	0.50	D	Rigged up weatherford.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Simmons rig # 31 boiler arrived on location.
W/O simmons to install lugs in derrick prior to putting up guy lines.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		230
Poly Pac R	SXS		32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		210
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS		48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		25
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		29

11 SUMMARY OF OPERATIONS

WOC, Tagged cmt top @ 650 m. Poh w/ drill pipe O.E.. N/D bop. Removed tbg head. N/U bop.
Pulled csg to floor w/ spear.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

L/D 244.5 mm csg.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

L/D 244.5 mm csg. Dress 244.5 mm csg stub @ 362 m. Backoff broken 244.5 mm csg stub & recover same.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 0 DAYS
LAST LTA: 43 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 6 deg

WIND Speed: 13km Direction: w Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1 ST#1	Rig : SIMMONS 31	Date : 01-Oct-24	Days SinceSpud: 68	Report N°: 69
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m		F.I.T. at window: EMW : 0

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	Hours	R.O.P. m/h	CUMUL Mtrs	Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	207	Den	1100
Dumped (m3)		YP	4.79
Form. Losses (m3)	10	PV	29
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	.045	Gel10m	4
Oil (%)		Funnel	47
Water (%)	100	F/L tem	12
O/W ratio		pH	8.5
Filtrate API	1.0	Fluid los	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:30	2.50	D	Baker atlas made 2 junk basket runs from 2290 - 2425 mkb. Each run recovered 6in. X 3 in. piece of rubber from 244.5 mm baker model C rbp.
8:30	11:15	2.75	D	Baker atlas ran 177.8 mm WR bridge plug , logged on depth w/ ccl & set WR plug @ 2400 mkb,poh & rigged out baker atlas.
11:15	21:00	9.75	D	M/U 244.5 mm test packer on drill pipe. Rih & carried out press. Tests on 244.5 mm csg & 177.8 mm scab liner assy. Pkr setting depths are as follows w/ injection rates down drill pipe. 380 m - 0.45 m3/min @ 15000kpa 1301 m - 0.45 m3/min @ 15000 kpa. 2239 m -0.45 m3/min @ 15000 kpa. This shows leak is in 177.8 mm scab liner assy.
21:00	22:00	1.00	D	Released pkr & spotted 2 lineal m. sand on 177.8 mm WR plug @ 2400 mkb.
22:00	1:45	3.75	D	Poh L/D 244.5 mm pkr.
1:45	2:00	0.25	S	Rig service.
2:00	4:30	2.50	D	Rih to 750 m O.E. spotted 2 m3 hi-visc pill.
4:30	5:00	0.50	D	Hoist to 700 m.
5:00	6:00	1.00	D	BJ batch mixed & spotted 2m3 class g neat cmt plug from 700 - 650 m.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS	-12	230
Poly Pac R	SXS	-2	32
Caustic Soda	SXS		30
Calcium Carbonate	SXS		210
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		39
Ketzan	SXS	-2	48
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		25
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		29

11 SUMMARY OF OPERATIONS

Cleaned rubber from hole w/ baker atlas junk basket. Set 177.8 mm WR bridge plug @ 2400 m .
Checked below confirmed 244.5 mm csg leak @ 362 m for additional lks & found 177.8 mm scab liner assy. Leaking.
Dumped 2 lineal m. sand on WR plug @ 2400 m. set hi-visc pill @ 750 - 700 m, set cmt plug @ 700 - 650 m.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3476	Table Cove	Shale, Sandstone and Limestone
3476	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Backed washed drill pipe clean. WOC.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

WOC. Tag cmt plug, poh w/ drill pipe, N/D BOP, remove tbg head, n/u bop,

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 6 DAYS
LAST LTA: 42 DAYS

18 COSTS in CANS

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 3 deg

WIND Speed: 6km Direction: w Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Oct-23	Days SinceSpud: 67	Report N°: 68
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	[redacted] kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m³)	207	Den	1100
Dumped (m3)		YP	4.79
Form. Losses (m3)	10	PV	29
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	.045	Gel10m	4
Oil (%)		Funnel Vis	54
Water (%)	100	F/L temp	12
O/W ratio		pH	8.5
Filtrate API	1.0	Fluid loss	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:30	2.50	D	Poh w/ 177.8 mm WR plug.
8:30	11:00	2.50	SF	W/O orders.
11:00	19:00	8.00	D	M/U 156 mm bladed junk mill & rih to 2272 m .
19:00	21:30	2.50	D	Worked mill into liner top w/ some difficulty, reamed tight spot in scab liner assy. @ 2364 - 66 m. cont'd rih to 2416 m.
21:30	21:45	0.25	S	Rig service.
21:45	2:00	4.25	D	Poh w/ milling assy.
2:00	5:15	3.25	D	Baker atlas attempted to run 177.8 mm WR plug to 2400 m w/ no success stood up @ 2290 m. poh w/ WR plug.
5:15	6:00	0.75	D	Rih w/ junk basket on wireline
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.
Note: winds gusted to 80 km during night.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS	-13	242
Poly Pac R	SXS		34
Caustic Soda	SXS		30
Calcium Carbonate	SXS	-18	210
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS		50
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		25
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		29

11 SUMMARY OF OPERATIONS

Poh w/ 177.8 mm WR bridge plug which stood up @ 2366 m. rih w/ 156 mm bladed junk mill & reamed out scab liner seal ass @ 2364 - 2366 m. cont'd rih to 2416m. Poh . Baker atlas attempted to run WR plug w/ no success stood up @ 2290 m. poh & run junk basket.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

poh w/ junk basket & found chunk of rubber from 244.5 mm baker model C RBP . Rerun junk basket.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Set 177.8 mm WR bridge plug @ 2400 m. run 244.5 mm pkr to 375 m & press. Test remaining 244.5 mm csg & WR plug. spot 50 m cmt plug @ 650 - 600 m. N/D bop. Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 5 DAYS
LAST LTA: 41 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 3 deg

WIND Speed: 44 kph Direction: w Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Oct-22	Days SinceSpud: 66	Report N°: 67
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m³)	207	Den	1100
Dumped (m3)		YP	3.35
Form. Losses (m3)	10	PV	14
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.045	Gel10m	2.0
Oil (%)		Funnel Vis	44
Water (%)	100	F/L temp	0
O/W ratio		pH	8.5
Filtrate API	1.0	Fluid loss	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:30	1.50	SF	W/O csg inspection logging tool.
7:30	10:30	3.00	D	Baker atlas attempted to run 209 mm guage ring w/ no success. Stood up @ 362 m. POH.
10:30	16:00	5.50	D	M/U & rih w/ 215 mm reamer mill to 362 m, reamed out bad 244.5 mm csg, Cont'd rih to 550 m & found no more tight spots in 244.5 mm csg. POH L/D mill assy.
16:00	20:00	4.00	D	Baker atlas ran 209 mm guage ring to 2260 m w/ no problems, poh, Baker atlas ran digital vertilog from 2260 - surf. L/D logging tools, Sent log to ST. Johns for interpretation.
20:00	21:45	1.75	SF	W/O orders.
21:45	1:00	3.25	D	M/U & rih w/ Baker model C retrievable 244.5 mm bridge plug on drill pipe to 600 m, Set R.B.P but was unable to disenguage from R.B.P., Poh & found rubbers pulled off , no rebuild kit on location.
1:00	1:45	0.75	SF	W/O orders.
1:45	6:00	4.25	D	Baker atlas made up 177.8 mm WR bridge plug & ran in hole to 2366 m & stood up. 2366 m is scab liner seal assy. Made several attempts to pass @ 2366 m w/ no success.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS		255
Poly Pac R	SXS		34
Caustic Soda	SXS		30
Calcium Carbonate	SXS		228
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS		50
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		25
Lignite	SXS		20
ID-Lube XL	SXS		19
SAPP	SXS		29

11 SUMMARY OF OPERATIONS

Attempted to run 209 mm guage ring w/ no success, stood up @ 362 m, Milled out bad 244.5 mm csg @ 362 m. Re-ran 209 mm guage ring to 2260 m w/ no problems, Ran digital vertilog from 2260 to surface, Attempted to set baker model C RBP @ 600 m w/ no success, would not disenguage from drill pipe , attempted to run 177.8 mm WR b.p.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Poh w/ 177.8 mm WR bridge plug .

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Set 25 m balanced cmt plug @ 625 -600 m , WOC tag cmt plug, poh , N/D bop. Remove tbg head,

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 4 DAYS
LAST LTA: 40 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 8 deg

WIND Speed: 5 kph Direction: s Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Oct-2[redacted]	Days SinceSpud: 65	Report N°: 66
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	[redacted] kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m^3)	207	Den	1100
Dumped (m3)		YP	2.87
Form. Losses (m3)	10	PV	14
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.045	Gel10m	2.0
Oil (%)		Funnel Vis	44
Water (%)	100	F/L temp	0
O/W ratio		pH	8.5
Filtrate API	1.0	Fluid loss	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	13:15	7.25	D	W/O logging tools.
13:15	19:15	6.00	D	Baker atlas logged w/ circumferential borehole imaging log / GR from 1200m - surf. Log sent to ST. Johns for interpretation.
19:15	6:00	10.75	D	W/O csg inspection logging tool.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		223
Bentonite	SXS	-20	255
Poly Pac R	SXS		34
Caustic Soda	SXS		30
Calcium Carbonate	SXS	-120	228
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS	-1	50
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS	-2	25
Lignite	SXS	-2	20
ID-Lube XL	SXS		19
SAPP	SXS		29

11 SUMMARY OF OPERATIONS

Logged w/ circumferential borehole imagining tool from 1200 m - surf.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Run guage ring / run csg inspection log from 2200 m - surf.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Log w/ csg inspection log / w/o log interpretation/

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 3 DAYS
LAST LTA: 39 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 8 deg

WIND Speed: 20 kph Direction: w Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Oct-2	Days SinceSpud: 64	Report N°: 65
Current Depth: 3666m		Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. EMW

If report input is a blank space or proper position in depth

1 PENETRATION / 2 BITS / DULL / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R	WOB daN	RPM	Flow l/mn	kPa

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel/Chem		
Mixed (m^3)	197	Den	1100
Dumped (m3)		YP	2.87
Form. Losses (m3)	10	PV	13
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.045	Gel10m	2.0
Oil (%)		Funnel Vis	45
Water (%)	100	F/L temp	0
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid loss	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:30	1.50	D	Cont'd w/o 244.5 mm pkr.
7:30	16:30	9.00	D	M/U & rih w/ 244.5 mm pkr & carry out Press. Tests via annulus to locate hole in csg.
				Test results.
				211m- press.test ok
				259m press. Test ok.
				287m press.test ok.
				316m press.tested to 28 mpa ok.
				344m press.test leaking @ 0 kpa w/ slight returns up surface csg vent.
				400m press.test leaking @ 0 kpa w/ full returns up surface csg vent.
				500m press.test leaking @ 0 kpa w/ full returns up surface csg vent.
				poh l/d 244.5 mm pkr.
16:30	18:45	2.25	D	W/O loggers.
18:45	21:30	2.75	D	Rih w/ drill pipe open ended to 2000m.
21:30	2:00	4.50	D	Circulate & condition hole.
2:00	5:00	3.00	D	Poh w/ open ended drillpipe.
5:00	6:00	1.00	D	Rigged up baker atlas loggers.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew & BOP drill.
Depths used are drillers depth.
Note: tight spots in 244.5 mm csg @ 362 & 450 m probably assoc. w/ holes in csg.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS	+200	223
Bentonite	SXS	+200	275
Poly Pac R	SXS		34
Caustic Soda	SXS		30
Calcium Carbonate	SXS		348
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS		51
Poly Plus RD	SXS		16
Poly Pac Ultra Low	SXS		27
Lignite	SXS		22
ID-Lube XL	SXS		19
SAPP	SXS		29

11 SUMMARY OF OPERATIONS

Press.test to isolate leak w/ pkr, rih & circ. , poh, rigg up loggers,

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

W/o logging tools.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
D&D	Milling Tools	2:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

logg 244.5 mm csg w/ csg inspection log

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 2 DAYS
LAST LTA: 38 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 5 deg
WIND Speed: 40kph Direction: sw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well :	[redacted]	Rig : SIMMONS 31	Date : -Oct-1[redacted]	Days SinceSpud: 63	Report N°: 64
Current Depth: 3666m		Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. [redacted]
		since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3666m	EMW [redacted]

1 PENETRATION / 2 BITS / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R	WOB daN	RPM	Flow l/mn	kPa
																						2000	55	1300	2900
																						2000	55	1300	2900

4 DRILL STRING ASSEMBLY 0.0

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel/Chem		
Mixed (m³)	224	Den	1100
Dumped (m3)		YP	2.87
Form. Losses (m3)	10	PV	13
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.045	Gel10m	2.0
Oil (%)		Funnel Vis	45
Water (%)	100	F/L temp	0
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid loss	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	12:00	6.00	D	Attempted to press. Test 177.8 mm pkr @ 2416 m via annulus w/ no success,
				established injection rate of 0.1 m3/min @ 3000kpa.
				opened drillpipe to check for flow, no returns, opened surface csg vent & found returns,
12:00	16:30	4.50	D	Unset pkr, poh L/D same.
16:30	17:30	1.00	S	Slipped & cut drillline,
17:30	6:00	12.50	D	W/O 244.5 mm csg pkrs.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew & BOP drill.
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		23
Bentonite	SXS	-25	75
Poly Pac R	SXS		34
Caustic Soda	SXS		30
Calcium Carbonate	SXS	-40	348
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS		51
Poly Plus RD	SXS	-2	16
Poly Pac Ultra Low	SXS		27
Lignite	SXS	-2	22
ID-Lube XL	SXS		19
SAPP	SXS		29

11 SUMMARY OF OPERATIONS

Attempted to test csg integrity from 2416 - surface w/ no success, 0.1 m3/min injection rate @ 3 mpa,
poh w/ pkr, slip & cut, w/o 244.5mm pkr,

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

P/U 244.5 mm pkr,

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
D&D	Milling Tools	2:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Locate & isolate hole in csg,

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 37 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 5 deg
WIND Speed: 40kph Direction: sw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	[redacted]	Rig : SIMMONS 31	Date : 01-Oct-18	Days SinceSpud: 62	Report N°: 63
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. at window: EMW : 1812	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	Hours	R.O.P. m/h	CUMUL Mtrs	Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
2000	55	1300	2900
2000	55	1300	2900

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel/Chem		
Mixed (m3)	224	Den	1100
Dumped (m3)		YP	2.87
Form. Losses (m3)	10	PV	14
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.045	Gel10m	2.0
Oil (%)		Funnel V	45
Water (%)	100	F/L temp	15
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid los	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:00	1.00	D	POH to tie back recipticale. Inspect same & found ok.
7:00	17:00	10.00	D	RIH w/ tie back liner assy.
17:00	18:15	1.25	D	Set tie back liner assy.
18:15	22:30	4.25	D	POH w/ setting tool & L/D same.
22:30	4:00	5.50	D	M/U & rih w/ 177.8 mm csg pkr to 2416 & set same.
4:00	6:00	2.00	D	Rigged in press. Tester.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew & BOP drill.
Depths used are drillers depth.
found tie back recepticale hanging up in 244.5 mm csg collars .
added 152.4 mm d.c & 127 mm hwdp to run liner assy.
NOTE: 177.8 mm scab liner assy.
1. Seal assy. 1.73 m in 177.8 mm liner top @ 2366 m. top @ 2365.77 mkb.
2. 7 Joints 177.8 mm L-80, 43.16 kg/m, LTC csg w/ top @ 2275.64 mkb.
3. 177.8 mm pup jt w/ top @ 2275.13 mkb.
4. Pack off element @ 2274.87 mkb.
5. 212 mm tie back recepticale top @ 2272.73 mkb.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS	-23	23
Bentonite	SXS		100
Poly Pac R	SXS		34
Caustic Soda	SXS		30
Calcium Carbonate	SXS		368
Defoamer X	Pail		28
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		58
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS		61
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		27
Lignite	SXS		24
ID-Lube XL	SXS		19
SAPP	SXS		29

11 SUMMARY OF OPERATIONS

POH to tie back receptacle & inspect same, found no problems.
RIH w/ tie back liner assy & set same, POH w/ setting tool, RIH w/ pkr & set same @ 2416 m.
Rig in press.tester.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Press. Test scab liner assy to 28 mpa.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
D&D	Milling Tools	2:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Press. Test scab liner, poh w/ pkr, rih w/ 152.4 mm drilling assy & drill ahead @ 3666m.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 0 DAYS
LAST LTA: 36 DAYS

18 COSTS in CANS

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 9 deg

WIND Speed: 11 kph Direction: sw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaPel ST#1	Rig : SIMMONS 31	Date : 01-Oct-17	Days SinceSpud: 61	Report N°: 62
Current Depth: 3668m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at window:	
		Bottom hole: 152.4mm	Depth: 3668m	EMW : 1612	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Polish		2366					
Top		2366					

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA
188	Bowen	Blade			Open
210	Bowen	Mill			

DULL

CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow lmin	Pres. kPa
2000	55	1300	2900
2000	55	1300	2900

4 DRILL STRING ASSEMBLY

Mill	
BHA	Pulled
Top Mill	

5 DOWN HOLE TOOLS

Diam + Type	Hrs	Cum.
152mm I		107.50
152mm String Stab		107.50
152mm String Stab		39.50

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel/Chem		
Mixed (m3)	224	Den	1100
Dumped (m3)		YP	2.87
Form. Losses (m3)	18	PV	15
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.045	Gel10m	2.0
Oil (%)		Funnel V	47
Water (%)	100	F/L temp	20

OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:30	1.50	D	Make up BHA and run in hole on 127mm drill pipe to 2339 m (Plus 60 Km winds)
7:30	8:00	0.50	D	Break circulation, circ'd down to 2355 mkb.
8:00	8:30	0.50	D	Dressed 177.8 mm csg liner top @ 2366.35 m w/ 210 mm top dress mill.
8:30	9:15	0.75	D	Circ'd clean.
9:15	9:30	0.25	S	Rig service
9:30	12:30	3.00	D	POH w/ mill # 2.
12:30	13:15	0.75	D	L/D mill #2, P/U mill # 3.
13:15	13:30	0.25	D	RIH to 30 m.
13:30	16:00	2.50	D	Installed rig floor wind boards.
16:00	18:45	2.75	D	Cont'd rih w/ 188 mm polish mill.
18:45	19:00	0.25	D	Break circulation & cleaned from 2352 - 2366 m.
19:00	19:30	0.50	D	Polished tie back sleeve in 177.8 mm liner top w/ 188 mm polish mill from 2366.35 to 2368.15 mkb.
19:30	20:15	0.75	D	Circ'd clean.
20:15	1:30	5.25	D	POH L/D mill #3.
1:30	1:45	0.25	S	Rig service
1:45	4:00	2.25	D	M/U 177.8 mm 43.16 kg/m LTC scab liner tie back assy. (total length 93.27 m)
4:00	6:00	2.00	D	RIH w/ tie back liner assy. & stood up @ 375 m. pulled free w/ no overpull.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew
Depths used are drillers depth.

Installing Scab Liner

12 BASIC GEOLOGY

From	To	Formation	Rock
3445	3478	Table Cove	Shale, Sandstone an
3478	3582	Table Point	Limestone
3582	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3668	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Re-dressed 177.8 mm liner top w/ mill #2 / poh/ RIH w/ 188 mm polish mill dressed liner top I.D. / POH / M/U 177.8 m liner tie back assy / RIH & stood up @ 375m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Dep
D&D	Milling Tools	2:00	

13 WELL STATUS at 08:00

POH to tie back receptacle & inspect same, found no problems.

16 OPERATIONS PLANNED

Re-run tie back assy. W/ 152.4 mm drill collars for added weight, set same in 177.8 mm liner assy, poh, run 177.8 mm pkr to test liner tie back.

Next casing point: n/a Well TD: n/a

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

17 SAFETY

DRILLS: 5 DAYS
LAST LTA: 35 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 7 deg

WIND Speed: 15 Km/ Direction: east Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATION

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaPet STE1	Rig : SIMMONS 31	Date : 01-Oct-17	Days SinceSpud: 61	Report N°: 62
Current Depth: 3668m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3668m		F.I.T. at window: EMW : 1612

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL. Mtrs	CUMUL. Hours
Polish		2368					
Top		2366					

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
188	Bowen	Blade			Open								
210	Bowen	Mill											

3 PARAMETERS

WOB daN	RPM	Flow lpm	Pres. kPa
2000	55	1300	2900
2000	55	1300	2900

4 DRILL STRING ASSEMBLY

Mill	
BHA	Pulled
Top Mill	

5 DOWN HOLE TOOLS

Diam + Type	Hrs	Cum.
152mm i		107.50
152mm String Stab		107.50
152mm String Stab		39.50

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	224	Den	1100
Dumped (m3)		YP	2.87
Form. Losses (m3)	18	PV	15
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.045	Gel10m	2.0
Oil (%)		Funnel V	47
Water (%)	100	F/L temp	20
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid los	8.5
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:30	1.50	D	Make up BHA and run in hole on 127mm drill pipe to 2339 m (Plus 60 Km winds)
7:30	8:00	0.50	D	Break circulation, circ'd down to 2365 mkb.
8:00	8:30	0.50	D	Dressed 177.8 mm csg liner top @ 2366.35 m w/ 210 mm top dress mill.
8:30	9:15	0.75	D	Circ'd clean.
9:15	9:30	0.25	S	Rig service
9:30	12:30	3.00	D	POH w/ mill # 2.
12:30	13:15	0.75	D	L/D mill #2, P/U mill # 3.
13:15	13:30	0.25	D	RIH to 30 m.
13:30	16:00	2.50	D	Installed rig floor wind boards.
16:00	18:45	2.75	D	Cont'd rih w/ 188 mm polish mill.
18:45	19:00	0.25	D	Break circulation & cleaned from 2352 - 2368 m.
19:00	19:30	0.50	D	Polished tie back sleeve in 177.8 mm liner top w/ 188 mm polish mill from 2366.35 to 2368.15 mkb.
19:30	20:15	0.75	D	Circ'd clean.
20:15	1:30	5.25	D	POH L/D mill #3.
1:30	1:45	0.25	S	Rig service
1:45	4:00	2.25	D	M/U 177.8 mm 43.16 kg/m LTC scab liner tie back assy. (total length 93.27 m)
4:00	6:00	2.00	D	RIH w/ tie back liner assy. & stood up @ 375 m. pulled free w/ no overpull.
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew
Depths used are drillers depth.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		48
Bentonite	SXS	-10	100
Poly Pac R	SXS	-1	34
Caustic Soda	SXS		30
Calcium Carbonate	SXS	-60	386
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		66
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		60
Soda ash	SXS		33
Keizan	SXS	-1	51
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		27
Lignite	SXS	-1	24
ID-Lube XL	SXS		19
SAPP	SXS		28

11 SUMMARY OF OPERATIONS

Re-dressed 177.8 mm liner top w/ mill #2 / poh/ RIH w/ 188 mm polish mill dressed liner top I.D. / POH / M/U 177.8 mm liner tie back assy / RIH & stood up @ 375m.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3476	Table Cove	Shale, Sandstone and Limestone
3476	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3668	Catoche	Limestone

13 WELL STATUS at 06:00

POH to tie back receptacle & inspect same, found no problems.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
D&D	Milling Tools	2:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Re-run tie back assy. W/ 152.4 mm drill collars for added weight, set same in 177.8 mm liner assy, poh, run 177.8 mm pkr to test liner tie back.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS:	5 DAYS
LAST LTA:	35 DAYS

18 COSTS

in CANS

DAILY:	(dry well)
CUMULATIVE:	0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: 7 deg

WIND Speed: 15 Kmt Direction: east Barometer (Mb):

20 COMPANY REPRESENTATIVES

C Peterson

CANADIAN IMPERIAL VENTURE CORPORATION
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well :	P#1,S	Rig : SIMMONS 31	Date : -Oct-1	Days SinceSpud: 60	Report N°: 61
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m	F.I.T. [redacted] EMW	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Polish		2365					
Top		2363					

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
188	Bowen	Blade			Open								
210	Bowen	Mill											

3 PARAMETERS

WOB daN	RPM	Flow l/mn	kPa
2000	55	1300	2900
2000	55	1300	2900

4 DRILL STRING ASSEMBLY 0.0

Mill BHA: Polished Mill, Ext Sub, Top Dress Mill, Bit Sub, 9-5 inch Drill Pipe, Ext Sub, 9 5/8" Casing Scraper, Bit Sub
Pulled
Top Mill: Ext Sub, Top Dress Mill, Bit Sub

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm N		107.50
152mm String Stab		107.50
152mm String Stab		39.50

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m^3)	224	Den	1100
Dumped (m3)		YP	2.39
Form. Losses (m3)	12	PV	15.0
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.045	Gel10m	2.0
Oil (%)		Funnel Vis	45
Water (%)	100	F/L temp	22
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid loss	8.5
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:30	0.50	D	Break circulation and tag liner top 2365.8m
6:30	7:15	0.75	D	Work mills over liner top and polish sleeve, scraper working from 2273m to 2375m
7:15	8:00	0.75	D	Circulate bottoms up
8:00	8:15	0.25	D	Conduct flow check - well taking small amount of mud
8:15	12:00	3.75	D	Pull out of hole with mill assembly
12:00	12:45	0.75	D	Lay down tools and inspect, heavy wear on polish and top mills. A second run required
12:45	13:00	0.25	S	Rig service - function test blind rams
13:00	2:45	13.75	D	Wait on milling tools from St. Johns
2:45	6:00	3.25	D	Make up BHA and run in hole on 127mm drill pipe (Plus 60 Km winds)
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew
Lost 3.5m3 of mud during trip out
Building mud volume while waiting on tools
Work on substructure winterization while waiting on tools

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		46
Bentonite	SXS	-57	110
Poly Pac R	SXS		35
Caustic Soda	SXS		30
Calcium Carbonate	SXS	-92	448
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS		52
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-3	27
Lignite	SXS	-3	25
ID-Lube XL	SXS		19
SAPP	SXS		29

11 SUMMARY OF OPERATIONS

Polish and dress liner top, Pull out of hole with mill and inspect
Wait on additional tools, Run in hole with top mill

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

13 WELL STATUS at 06:00

Continue to run in hole with top mill

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
D&D	Milling Tools	2:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	32

16 OPERATIONS PLANNED

Polish and dress liner top, Pull out of hole with assy, Run in hole with tie back liner
Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 4 DAYS
LAST LTA: 34 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 10c
WIND Speed: 50 Km/hr Direction: West Barometer (Mb):
Clear with high wind speeds

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Oct-15	Days SinceSpud: 59	Report N°: 60
Current Depth: 3666m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3666m		F.I.T. at window: EMW : 1612

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	11	3595	9	6.00	1.5	71	39.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152	Hughes	STX 40	617	M32JG	3 x 16	3	3	BT	M2	E	0	NO	HR

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
8000	80	1070	12200

4 DRILL STRING ASSEMBLY

Drill BHA: Bit, NB Stab, 2-Non Mag DC, String Stab, 2-Drill Collars, S Stab, 6-Drill Collars, Jars, 7-Drill Collars, 12-HW Drill Pipe **Pulled**

Mill BHA: Polished Mill, Ext Sub, Top Dress Mill, Bit Sub, 9-5 inch Drill Pipe, Ext Sub, 9 5/8" Casing Scraper, Bit Sub

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm	6.00	107.50
152mm String Stab	6.00	107.50
152mm String Stab	6.00	39.50

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
Single Shot	misrun	3664		

7 MUD

TYPE: Gel/Chem

Mixed (m3)	224	Den	1100
Dumped (m3)		YP	2.87
Form. Losses (m3)	10	PV	16
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.045	Gel10m	2.0
Oil (%)		Funnel	49
Water (%)	100	F/L tem	22
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid los	8.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	12:00	6.00	D	Drill ahead from 3657m to 3666m
12:00	13:15	1.25	D	Circulate bottoms up
13:15	13:30	0.25	D	Drop single shot survey and chase with trip margin pill
13:30	13:45	0.25	D	Conduct flow check - well taking small amount of mud
13:45	18:45	5.00	D	Pull out of hole with Bit # 11 - conduct flow checks
18:45	19:45	1.00	S	Slip and cut 10m of drill line
19:45	20:00	0.25	S	Rig service - function test pipe rams
20:00	22:00	2.00	D	Pull out of hole with Bit # 11, recover survey barrel
22:00	6:00	8.00	D	Make up polish mill assy and space out casing scraper - run in hole to window
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
Drilling mud loses declining during drilling operation
Well taking some mud on connection flow checks
Trip hole fill calc - 16.32m3, actual - 24.2m3, difference - 7.88m3
Hole drag up - 12000 - 13000 daN
Hole drag down - 7000 - 8000 daN
Space out casing scraper 90.33m above top dressing mill
Multi image on survey film - unable to read

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		46
Bentonite	SXS		167
Poly Pac R	SXS		35
Caustic Soda	SXS		30
Calcium Carbonate	SXS		540
Defoamer X	Pail		26
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		33
Kelzan	SXS		52
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		30
Lignite	SXS		28
ID-Lube XL	SXS		19
SAPP	SXS		29

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3630	Costa Bay	Limestone
3630	3666	Catoche	Limestone

11 SUMMARY OF OPERATIONS

Drill from 3657m to 3666m
Pull out of hole with bit #11
Run in hole with polish and top dressing mill

13 WELL STATUS at 06:00

Break circulation to polish and dress liner top

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Hunt	3 - Drill bits	13.00		
Weatherf	Weatherford 7" equipment	16.00		

15 PERSONNEL

Company:	1
Drilling Contractors:	17
Service Contractors:	11
TOTAL:	29

16 OPERATIONS PLANNED

Polish and dress liner top, Pull out of hole with assy, Run in hole with tie back liner

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 3 DAYS
LAST LTA: 33 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6.00 Temp: 7c

WIND Speed: 27 km/hr Direction: East Barometer (Mb):

Clear and cool

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Oct-14	Days SinceSpud: 58	Report N°: 59
Current Depth: 3657m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3657m		F.I.T. at window: EMW : 1612

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
Drill	11	3595	42	23.50	1.8	62	33.50	152	Hughes	STX 40	617	M32JG	3 x 16								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
8000	80	1070	12200

4 DRILL STRING ASSEMBLY

Drill BHA: Bit, NB Stab, 2-Non Mag DC, String Stab, 2-Drill Collars, S Stab, 6-Drill Collars, Jars, 7-Drill Collars, 12-HW Drill Pipe

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm	23.50	101.50
152mm String Stab	23.50	101.50
152mm String Stab	23.50	33.50

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel/Chem		
Mixed (m3)	224	Den	1100
Dumped (m3)		YP	1.92
Form. Losses (m3)	10	PV	16
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.045	Gel10m	2.0
Oil (%)		Funnel	44
Water (%)	100	F/L tem	19
O/W ratio		pH	9.0
Filtrate API	1.5	Fluid los	10
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	14:45	8.75	D	Drill ahead from 3615m to 3629m
14:45	15:00	0.25	S	Rig service - function test HCR
15:00	1:15	10.25	D	Drill from 3629m to 3647m
1:15	1:30	0.25	S	Rig service - function test Hydril
1:30	6:00	4.50	D	Drill from 3647m to 3657m
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
Continue to lose drilling mud at a rate of 10m3 per day
Well taking some mud on connection flow checks

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		126
Bentonite	SXS	-49	72
Poly Pac R	SXS	-2	17
Caustic Soda	SXS	-2	42
Calcium Carbonate	SXS	-60	380
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-1	49
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-2	5
Lignite	SXS	-3	29
ID-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Drill from 3625m to 3657m

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3627	Costa Bay	Limestone
3627	3657	Catoche	Limestone

13 WELL STATUS at 06:00

Drilling @ 3657m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
D&D	Import Tools	16:00		
Densmor	Import Tools	23:30		

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	7
TOTAL:	26

16 OPERATIONS PLANNED

Continue to drill ahead. Pull out of hole to run tie back liner.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 2 DAYS
LAST LTA: 32 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 7c

WIND Speed: Nil Direction: Barometer (Mb):

Dark

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATIO ONSHORE DAILY DRILLING REPORT GARDEN HILL FIELD	Well : **PaP#1,ST#1**	Rig : SIMMONS 31	Date : **01-Oct-13**	Days SinceSpud: **57**	Report N°: **58**
		Current Depth: **3615m**	Phase: **RE-ENTRY** since: AUG.17/01	Casing size: **177.8mm** Bottom hole: 152.4mm	Shoe: **3493m** Depth: 3615m	F.I.T. at window: **EMW : 1612**

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	11	3595	20	10.00	2.0	20	10.00

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152	Hughes	STX 40	617	M32JG	3 x 16								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
8000	80	1070	11900

4 DRILL STRING ASSEMBLY

Drill BHA: Bit, NB Stab, 2-Non Mag DC, String Stab, 2-Drill Collars, S Stab, 6-Drill Collars, Jars, 7-Drill Collars, 12-HW Drill Pipe

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm	10.00	78.00
152mm String Stab	10.00	78.00
152mm String Stab	10.00	10.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	194	Den	1100
Dumped (m3)		YP	4.31
Form. Losses (m3)	10	PV	21.00
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	.045	Gel10m	5.0
Oil (%)		Funnel	53
Water (%)	100	F/L tem	19
O/W ratio		pH	8.5
Filtrate API	1.5	Fluid los	10
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:30	2.50	D	Break down test tool and lay down
8:30	9:00	0.50	D	Set wear bushing
9:00	9:15	0.25	S	Rig service - function test blind rams
9:15	13:00	3.75	D	Make up bit # 11 and run in hole with 120mm BHA and 88mm drill pipe, pick up 5 singles
13:00	15:00	2.00	D	Run in hole with 127mm drill pipe
15:00	15:30	0.50	D	Pickup kelly and break circulation
15:30	18:00	2.50	D	Lay down 8-127mm drill pipe singles
18:00	18:30	0.50	D	Pickup kelly and break circulation, wash to bottom @ 3595m with no fill
18:30	19:30	1.00	D	Drill from 3595m to 3600m, Recover bottoms up with oil stain on shakers and gas count up to 48%
19:30	19:45	0.25	D	Make connection and conduct flow check - well taking mud
19:45	20:00	0.25	S	Rig service - function test 127mm pipe rams
20:00	2:30	6.50	D	Drill from 3600m to 3610m
2:30	2:45	0.25	D	Make connection and conduct flow check - well taking mud
2:45	3:00	0.25	S	Rig service - function test hydril
3:00	4:45	1.75	D	Drill from 3610m to 3613m
4:45	5:15	0.50	D	Clean pump screens
5:15	6:00	0.75	D	Drill from 3613m to 3615m
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
Continue to lose drilling mud at a rate of 10 to 15m3 per day
Building mud volume @ 40 litres/min
Held BOP drill prior to drilling ahead
Continue in drill break from 3595m to 3599m (3m/hr)
Penetration rate back to 1.8 to 2 m/hr after break
Release Northland and Baker Tools testers
Release Baker Atlas loggers
Send DST samples to Corelab in St Johns

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		126
Bentonite	SXS	-36	121
Poly Pac R	SXS	-2	19
Caustic Soda	SXS	-3	44
Calcium Carbonate	SXS	-200	440
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-2	50
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-1	7
Lignite	SXS	-2	32
ID-Lube XL	SXS		19
SAPP	SXS		10

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3615	Costa Bay ??	Limestone

11 SUMMARY OF OPERATIONS

Lay down DST tool, Run in hole with Bit #11 and drill ahead to 3615m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	17
Service Contractors:	7
TOTAL:	26

13 WELL STATUS at 06:00

Drilling ahead from 3615m

16 OPERATIONS PLANNED

Drill 152mm hole

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 31 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 7c

WIND Speed: 17 km/hr Direction: North Barometer (Mb):

Clear

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Oct-12	Days SinceSpud: 56	Report N°: 57
Current Depth: 3595m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm	Shoe: 3493m	Bottom hole: 152.4mm	Depth: 3595m	F.I.T. at window: EMW : 1612

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	194	Den	1105
Dumped (m3)		YP	3.35
Form. Losses (m3)		PV	15.0
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.05	Gel10m	2.0
Oil (%)		Funnel	43
Water (%)	100	F/L tem	19
O/W ratio		pH	8.5
Filtrate API	1.5	Fluid los	9.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:45	0.75	D	Continue to bleed off N2 used to pressure test drill string
6:45	12:00	5.25	D	Set casing packer @ 3449m, with 800 kPa of N2 pressure on the test string, open tool for 10min preflow, no response at surface, shut-in tool for 60min, bleed of N2 pressure during shut-in period, open tool for 60 min flow period, observe bubbles upon tool opening, no samples to surface, shut-in tool for 180mins. Well continues to take mud during the tes
12:00	14:30	2.50	D	Release packer, annular mud level drops, pull top single with flow head and lay down. Pic kelly and fill test string with 20m3 of mud. Pressure up to 10500kPa to shear pump out su pin. Install flow head and close Hydril. Reverse circulate 24m3 to pressure vessel with no formation fluid recovered.
14:30	17:15	2.75	D	Pickup kelly and circulate two bottoms up. Recover total gas count of 25.4% with C1 @ 12 during the first bottoms up. Large volume of shale also seen at shaker during this circulati (window cavings)
17:15	18:00	0.75	D	Flow check - well taking mud, mix trip margin pill
18:00	3:45	9.75	D	Pull out of hole with DST string - lost 10.4m3 of mud during the trip
3:45	6:00	2.25	D	Recover recorder and bottom hole samples - smell of condensate present. Down load recorders with valid results - break down test tool.
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
Estimate mud loses prior to testing -38 to 50m3
Continue to build mud volume in tanks during test

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS	-30	126
Bentonite	SXS	-25	157
Poly Pac R	SXS	-4	21
Caustic Soda	SXS		47
Calcium Carbonate	SXS	-60	640
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		52
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-1	8
Lignite	SXS	-1	32
ID-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

DST bottom hole, circulate well clean, pull out of hole with DST tool

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3595	Costa Bay ??	Limestone

13 WELL STATUS at 06:00

Break out and lay down DST tool

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	3
Drilling Contractors:	17
Service Contractors:	12
TOTAL:	32

16 OPERATIONS PLANNED

Run in hole with Bit #11 and drill ahead

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 9 DAYS
LAST LTA: 30 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 11c

WIND Speed: 22 km/hr Direction: S - SW Barometer (Mb):

Clear

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Oct-11	Days SinceSpud: 55	Report N°: 56
Current Depth: 3595m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm	Shoe: 3493m	Bottom hole: 152.4mm	Depth: 3595m
F.I.T. at window: EMW : 1612					

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

DST #1 Bullnose, recorder carrier, perf subs, x-over, packer, x-over, safety joint, jars, recorder carrier, hydraulic sub, bottom hol sampler, rotating tool, recorder carrier, pressure pump out sub, x-over, 2-DC, 1-HW, & mech pump out sub

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	194	Den	1105
Dumped (m3)		YP	2.87
Form. Losses (m3)		PV	12.0
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.05	Gel10m	2.0
Oil (%)		Funnel	43
Water (%)	100	F/L tem	19
O/W ratio		pH	8.5
Filtrate API	1.5	Fluid los	1.5
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:30	1.50	D	Pull out of hole with logging tool and rig out Baker Atlas
7:30	10:00	2.50	D	Pick up and make up Baker DST tool
10:00	11:00	1.00	D	Pick up three HW drill pipe and run in hole with test string
11:00	12:00	1.00	S	Slip and cut 24m of drill line
12:00	14:45	2.75	D	Rig up BJ N2 unit and pressure test string and surface equipment to 7000kPa
14:45	15:30	0.75	D	Pull out of hole and remove pump out shear pins and check tool
15:30	2:00	10.50	D	Run in hole with DST #1, work string to get passed liner top @ 2363m
2:00	2:30	5.00	D	Rig in N2 line and test vessel line to floor manifold
2:30	2:45	0.25	D	Safety meeting with all crews
2:45	6:00	3.25	D	Fill drill string with N2 and pressure test surface equipment
		28.50		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
Required a 1/4 left hand rotation to to get into liner

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		156
Bentonite	SXS		182
Poly Pac R	SXS		4
Caustic Soda	SXS		47
Calcium Carbonate	SXS		700
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		52
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		7
Lignite	SXS		33
ID-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Pull out of hole with log and rig out. Pick up and run in hole with test string. Pressure test.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3595	Costa Bay ??	Limestone

13 WELL STATUS at 06:00

Pressure testing test string with N2

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
HUNT	BJ batch mixer		12:00	Dartmouth

15 PERSONNEL

Company:	8
Drilling Contractors:	17
Service Contractors:	14
TOTAL:	39

16 OPERATIONS PLANNED

Open DST and conduct test.

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 8 DAYS
LAST LTA: 29 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 6c

WIND Speed: 11 km/hr Direction: West Barometer (Mb):

Clear and high cloud

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATIO	Well : [redacted]#1,ST#1	Rig : SIMMONS 31	Date : 01-Oct-10	Days SinceSpud: [redacted]4	Report N°: 55
	ONSHORE DAILY DRILLING REPORT	Current Depth: 3595m	Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at window:
	GARDEN HILL FIELD		since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3595m	EMW : 1612

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Pulled	#10	3536				59	35.75

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152mm	Hughes	STX40	617	m33jg	3 x 16	4	4	BT	M / G	E	0	FC	PP

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

4 3/4 BHA	Bit # 10, Near Bit Stab, 2-Non Mag DC, String Stab, 7-Spiral DC, Jars, 8-Drill collars, 9-HW Drill Pipe BHA=245.71m Pulled

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm NB Stab		68.00
152mm String Stab		68.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
LOG		3597.4	20.00	280.0

7 MUD

TYPE: Gel/Chem

Mixed (m3)	199.5	Den	1105
Dumped (m3)		YP	3.35
Form. Losses (m3)		PV	15.0
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	.05	Gel10m	2.0
Oil (%)		Funnel	45
Water (%)	100	F/L tem	19
O/W ratio		pH	8.5
Filtrate API	1.5	Fluid los	8.6
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:30	0.50	D	Pump trip margin pill
6:30	15:00	8.50	D	Pull out of hole for washed pipe - find wash @ 88mm X 127mm crossover
				Continue to pull out to log - flow checks and strap out - Lost 11.3m3 of mud during trip
15:00	19:00	4.00	D	Rig up Baker Atlas and run Log #1 GR - MAC
19:00	23:00	4.00	D	Log # 2 GR - CNL - DL
23:00	3:00	4.00	D	Log #3 GR - HDIL
3:00	6:00	3.00	D	Log #4 GR - CBIL - HEXDIP
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
Max pull up - 112000 daN
Find washed and cracked 3 1/2" x 4 1/2" IF cross over - crack is perpendicular to thread
Pin washed on 5" drill pipe also
5" drill pipe strap to tally difference - 0.68m
Continue to fill hole during logging operations, lost 3.5m3 of mud
Function test blind, 5" pipe, 3 1/2" pipe rams and chimo choke
Loggers TD - 3597.4m Required 2m difference to tie into main hole GR
Bottom hole deviation from loggers @ 20 degrees inclination and 280 degree azimuth

Leonard Kendall returned to doctor for a check up.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		156
Bentonite	SXS		182
Poly Pac R	SXS		4
Caustic Soda	SXS		47
Calcium Carbonate	SXS		700
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		52
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		7
Lignite	SXS		33
ID-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Pull out of hole for washed pipe, continue out to log
Log open hole with Baker Atlas

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3595	Costa Bay ??	Limestone

13 WELL STATUS at 06:00

Pulling out of hole with final logging pass

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
HUNT	BJ batch mixer		12:00	Dartmouth

15 PERSONNEL

Company:	1
Drilling Contractors:	17
Service Contractors:	10
TOTAL:	28

16 OPERATIONS PLANNED

Pickup and run in hole with DST tools, Test open hole

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS:	7 DAYS
LAST LTA:	28 DAYS

18 COSTS in CAN$

DAILY:	(dry well)
CUMULATIVE:	0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 8c

WIND Speed: 32 km/hr Direction: West Barometer (Mb):

-3c with the wind chill - high cloud

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Oct-09	Days SinceSpud: 53	Report N°: 54
Current Depth: 3595m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3595m		F.I.T. at window: EMW : 1612

1 PENETRATION / 2 BITS / DULL / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R	WOB daN	RPM	Flow l/mn	Pres. kPa
Drill	#10	3536	41	21.25	1.9	59	35.75	152mm	Hughes	STX40	617	m33jg	3 x 16									8000	85/95	1110	10200

4 DRILL STRING ASSEMBLY

4 3/4	Bit # 10, Near Bit Stab, 2-Non Mag DC, String Stab, 7-Spiral DC, Jars, 8-Drill collars, 9-HW Drill Pipe
BHA	BHA=245.71m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm NB Stab	21.25	68.00
152mm String Stab	21.25	68.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	227	Den	1105
Dumped (m3)		YP	3.35
Form. Losses (m3)		PV	19
Surf. Losses (m3)		Gel10s	2.0
Solids (%)	.05	Gel10m	2.5
Oil (%)		Funnel	49
Water (%)	100	F/L tem	19
O/W ratio		pH	9.0
Filtrate API	1.5	Fluid los	7.8
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	10:45	4.75	D	Drill from 3554m to 3563m - Drill break from 3562-3563.8m - 6 mins/m
10:45	11:00	0.25	D	Make connection and flow check - well taking mud
11:00	21:00	10.00	D	Drill from 3563m to 3582m - Drill breaks @ 3566.8-3569.2m & 3573.5-3575m
21:00	21:15	0.25	D	Flow check - well taking mud
21:15	21:30	0.25	S	Rig service - function test lower rams
21:30	2:15	4.75	D	Drill from 3582m to 3591m - start of drill break
2:15	2:30	0.25	D	Make connection and flow check - well taking mud
2:30	2:45	0.25	S	Rig service - function test hydril
2:45	4:30	1.75	D	Drill from 3591m to 3595m - Drill break from 3590.6-3592.0m
4:30	4:45	0.25	D	Loosing stand pipe pressure - clean suctions screens and check both pumps
4:45	6:00	1.25	D	Lost 2000 kPa down hole - pump soft line - see incremental pump pressure @ 17m3 estimated drill pipe leak - 2100m from surface
		24.00		

9 REMARKS

Conduct daily walk around and rig inspection
Held safety meeting with rig crew
String weight below Jars - 7000 daN
String weight of BHA - 15000 daN
Max pull up - 112000 daN
Hole drag - up 8000 daN down 6000 daN
Rotary torque - 50% = 10625 ft lbs
RSPP - 3000 kPa @ 35 SPM
Continue to maintain volume with water but loosing less mud to the well on flow checks
Estimated 0.5m3 of mud lost per hour while drilling
MACP - 11550
Four drill breaks with good gas indication to surface

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS	-30	156
Bentonite	SXS	-21	182
Poly Pac R	SXS		4
Caustic Soda	SXS	-2	47
Calcium Carbonate	SXS		700
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-1	52
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-3	7
Lignite	SXS	-6	33
ID-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Drilled from 3554m to 3595m

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3562	Table Point	Limestone
3562	3583	Aguathuna	Dolomite
3583	3595	Costa Bay ??	Limestone

13 WELL STATUS at 06:00

Ready to trip for washed drill pipe

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	1
Drilling Contractors:	17
Service Contractors:	7
TOTAL:	25

16 OPERATIONS PLANNED

Trip for washed drill pipe

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 6 DAYS
LAST LTA: 27 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 5c

WIND Speed: 18 km/hr Direction: N - NW Barometer (Mb):

overcast

20 COMPANY REPRESENTATIVES

Brian Felske

Lang: simo

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Oct-08	Days SinceSpud: 52	Report N°: 53
Current Depth: 3554m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 152.4mm	Shoe: 3493m Depth: 3554m		F.I.T. at window: EMW : 1612

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Pulled	#9	3454	0	0.00	0.0	77	32.25
Drill	#10	3536	18	14.50	1.2	18	14.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152mm	Hughes	STX30	537	p56jm	16-14-14	2	2	no	no	e	0	no	hr/pr
152mm	Hughes	STX40	617	m33jg	3 x 16								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
7000	80	1040	11600
8000	80	1110	12800

4 DRILL STRING ASSEMBLY

4 3/4 BHA	Bit #9, Near Bit Stab, 2-Non Mag DC, String Stab, 7-Spiral DC, Jars, 8-Drill collars, 9-HW Drill Pipe BHA=245.71m **Pulled**
4 3/4 BHA	Bit #10, Near Bit Stab, 2-Non Mag DC, String Stab, 7-Spiral DC, Jars, 8-Drill collars, 9-HW Drill Pipe BHA=245.71m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm NB Stab	12.75	32.25
152mm String Stab	17.75	32.25

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	226	Den	1105
Dumped (m3)		YP	2.39
Form. Losses (m3)		PV	18.00
Surf. Losses (m3)		Gel10s	2.0
Solids (%)	.05	Gel10m	2.0
Oil (%)		Funnel	50
Water (%)	100	F/L tem	19
O/W ratio		pH	8.5
Filtrate API	1.5	Fluid los	8.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	06:30	0.50	D	Pull out of hole with bit #9. Conduct flow checks at 235m and surface
06:30	14:15	7.75	D	Make up bit #10 and run in hole - pick up 4 joints of 3 1/2" drill pipe
				Break circulation @ 2324m
14:15	14:30	0.25	D	Break circulation @ 3522m and wash to bottom @ 3536m - no fill
14:30	21:45	7.25	D	Drill from 3536m to 3544m
21:45	22:00	0.25	D	Flow check - well taking mud
22:00	22:15	0.25	S	Rig service - function test hydril
22:15	04:45	6.50	D	Drill from 3544m to 3553m
04:45	05:00	0.25	D	Flow check - well taking mud
05:00	05:15	0.25	S	Rig service
05:15	06:00	0.75	D	Drill from 3553m to 3554m
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
String weight below Jars - 7000 daN
String weight of BHA - 15000 daN
Max pull up - 110000 daN
Hole drag - up 4000 daN down 6000 daN
Rotary torque - 50% = 10625 ft lbs
RSPP - 3000 kPa @ 35 SPM
Lost 10.4m3 of mud during bit trip
Continue to loose an estimated 1m3 of mud per hour while drilling
MACP - 11470 kPa

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		186
Bentonite	SXS	-59	203
Poly Pac R	SXS	-1	4
Caustic Soda	SXS	-2	49
Calcium Carbonate	SXS		700
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-2	53
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-4	10
Lignite	SXS		39
ID-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Ran in hole with bit #10, Drilled from 3536m to 3554m

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3554	Table Point	Limestone

13 WELL STATUS at 06:00

Drilling 152mm hole @ 3554m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	1
Drilling Contractors:	17
Service Contractors:	7
TOTAL:	25

16 OPERATIONS PLANNED

Continue to drill ahead

Next casing point: n/a Well TD: n/a

17 SAFETY

DRILLS: 5 DAYS
LAST LTA: 26 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 1c

WIND Speed: 22 km/hr Direction: West Barometer (Mb):

overcast

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1.ST#1	Rig : SIMMONS 31	Date : 01-Oct-07	Days SinceSpud: 51	Report N°: 52
Current Depth: 3535m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at window:	
		Bottom hole: 152.4mm	Depth: 3535m	EMW : 1612	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION litre	OPERATION Hours	R.O.P. m/h	CUMUL litre	CUMUL Hours
Drill	#9	3454	17	12.75	1.3	77	32.25

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. 1	O	D	L	OTHERS B	G	D	R
152mm	Hughes	STX30	537	p56jn	16-14-14								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
7000	80	1040	11600

4 DRILL STRING ASSEMBLY

4 3/4 BHA: Bit #9, Near Bit Stab, 2-Non Mag DC, String Stab, 7-Spiral DC, Jars, 8-Drill collars, 9-HW Drill Pipe

BHA=245.71m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm NB Stab	12.75	32.25
152mm String Stab	17.75	32.25

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	230	Den	1110
Dumped (m3)		YP	3.83
Form. Losses (m3)		PV	16.00
Surf. Losses (m3)		Gel10s	2.0
Solids (%)	.05	Gel10m	2.0
Oil (%)		Funnel	47
Water (%)	100	F/L tem	19
O/W ratio		pH	8.5
Filtrate API	1.5	Fluid los	9.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
08:00	11:45	5.75	D	Drill from 3519m to 3526m
11:45	12:00	0.25	D	Flow check
12:00	19:00	7.00	D	Drill from 3526m to 3536m
19:00	20:15	1.25	D	Circulate and work string
20:15	01:30	5.25	D	Pull out of hole with bit #9. Conduct flow check at 3525, 3380, 2807, 1850 & 1599m
01:30	02:15	0.75	R	Power failure - repair SCR
02:15	02:30	0.25	S	Rig service - function test pipe ram
02:30	06:00	3.50	D	Continue to pull out of hole with bit
		24.00		

9 REMARKS

Conduct daily walk around
Hold safety meeting with rig crew
String weight below Jars - 7000 daN
String weight of BHA - 15000 daN
Max pull up - 107000 daN
Hole drag - up 4000 - 5000 daN, down 4000 - 5000 daN
Rotary torque - 50%
RSPP - 3000 kPa @ 35 SPM
Weight up mud system with calcium carbonate
Begin to lose volume after 3526m, maintain volume in tanks with water @ 40 L/min
Well taking fluid prior to trip
Fill hole continuous during trip out
Mix 30 sk barite pill for trip margin
Pull out of hole due to reduction in penetration rate

Leonard Kendall returned to work the day after his injury

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS	-30	186
Bentonite	SXS	-40	53
Poly Pac R	SXS	-5	5
Caustic Soda	SXS		51
Calcium Carbonate	SXS		700
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Ketzan	SXS		55
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-4	14
Lignite	SXS	-1	39
ID-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Drill 17m to 3536m, Pull out of hole for bit change

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3536	Table Point	Limestone

13 WELL STATUS at 06:00

Continue to pull out of hole with Bit #9

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	5
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	35

16 OPERATIONS PLANNED

Trip in with Bit # 10 and drill ahead

Next casing point: 3493m Well TD: 3493m

17 SAFETY

DRILLS: 4 DAYS
LAST LTA: 25 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: -1c

WIND Speed: 50 km/hr Direction: West Barometer (Mb):

High wind speeds

20 COMPANY REPRESENTATIVES

Brian Fetske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1.ST#1	Rig : SIMMONS 31	Date : 01-Oct-06	Days SinceSpud: 50	Report N°: 51
Current Depth: 3519m	Phase: RE-ENTRY	Casing size: 177.8mm	Shoe: 3493m	F.I.T. at window:	
	since: AUG.17/01	Bottom hole: 152.4mm	Depth: 3519m	EMW : 1612	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	89	3454	50	18.00	2.7	65	19.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152mm	Hughes	STX30	537	p56jm	16-14-14								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa
7000	75	1040	12200

4 DRILL STRING ASSEMBLY

4 3/4 BHA: Bit #9, Near Bit Stab, 2-Non Mag DC, String Stab, 7-Spiral DC, Jars, 8-Drill collars, 9-HW Drill Pipe

BHA=245.71m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm NB Stab	18.00	19.50
152mm String Stab	18.00	19.50

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	227	Den	1105
Dumped (m3)		YP	1.92
Form. Losses (m3)		PV	10.0
Surf. Losses (m3)		Gel10s	1.0
Solids (%)	.040	Gel10m	1.5
Oil (%)		Funnel	45
Water (%)	100	F/L tem	19
O/W ratio		pH	9.5
Filtrate API	1.5	Fluid los	10
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	09:15	3.25	D	Broke low clutch chain on connection - repair
09:15	12:15	3.00	D	Drill cement from 3469m to float collar @ 3480m
12:15	12:30	0.25	D	Circulate and clean float collar and rubber wiper plug
12:30	12:45	0.25	D	Safety meeting on well control with wellsite supervisor
12:45	13:15	0.50	D	Drill out casing shoe @ 3493m
13:15	15:15	2.00	D	Drill formation from 3493m to 3498m
15:15	16:30	1.25	D	Flow check - circulate and condition mud mixing calcium carbonate for weight material
16:30	22:15	5.75	D	Drill from 3498m to 3507m
22:15	22:30	0.25	D	Flow check
22:30	22:45	0.25	S	Rig service - function test 5" pipe rams
22:45	04:30	5.75	D	Drill from 3507m to 3517m
04:30	04:45	0.25	D	Flow check
04:45	05:00	0.25	D	Rig service - function test HCR
05:00	06:00	1.00	D	Drill from 3517m to 3519m
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
String weight below Jars - 7000 daN
String weight of BHA - 15000 daN
Max pull up - 110000 daN
Hole drag - up 5000 - 7000 daN, down 4000 to 5000 daN
Rotary torque - 49%
RSPP - 3000 kPa @ 35 SPM
Weight up mud system with calcium carbonate

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		186
Bentonite	SXS	-60	93
Poly Pac R	SXS	-4	10
Caustic Soda	SXS	-1	51
Calcium Carbonate	SXS	-300	
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Ketzan	SXS	-3	55
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-4	18
Lignite	SXS	-5	40
IC-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Drill cement top, float, shoe and 26m of formation.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3519	Table Point	Limestone

13 WELL STATUS at 06:00

Continue to drill ahead from 3519m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	5
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	35

16 OPERATIONS PLANNED

Drill to test point

Next casing point: 3493m Well TD: 3493m

17 SAFETY

DRILLS: 3 DAYS
LAST LTA: 24 DAYS

18 COSTS

in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 06:00 Temp: 2c
WIND Speed: 24 km/hr Direction: East Barometer (Mb):
Clear

20 COMPANY REPRESENTATIVES

Brian Feiske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	aP#1,ST#1	Rig : SIMMONS 31	Date : 01-Oct-05	Days SinceSpud: 49	Report N°: 50
Current Depth: 3469m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 157.1mm	Shoe: 3493m Depth: 3493m	F.I.T. at window: EMW : 1612	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drll	#9	3454	15	1.50	10.0	15	1.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152mm	Hughes	STX30	537	p56jm	16-14-14								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
4000	60	1100	13800

4 DRILL STRING ASSEMBLY

4 3/4 BHA: Bit #9, Near Bit Stab, 2-Non Mag DC, String Stab, 7-Spiral DC, Jars, 8-Drill collars, 9-HW Drill Pipe

BHA=245.71m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm NB Stab	1.50	1.50
152mm String Stab	1.50	1.50

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	235	Den	1095
Dumped (m3)		YP	3.35
Form. Losses (m3)		PV	16.0
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	.035	Gel10m	4.0
Oil (%)		Funnel	44
Water (%)	100	F/L tem	18
O/W ratio		pH	8.5
Filtrate API	1.5	Fluid los	10.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	13:15	7.25	D	Measure, pickup, makeup, breakout and re-make new X-95 drill pipe and run in hole
13:15	15:45	2.50	D	Change out elevator and continue to run in hole with 5" drill pipe to 2311m
15:45	16:00	0.25	S	Rig service - function test 5" pipe rams
16:00	19:00	3.00	D	Safety meeting with BJ services and conduct leak off test - 11860 kPa
19:00	21:00	2.00	D	Wait on orders after results of leak off test
21:00	1:30	4.50	D	Run in hole with bit to 3447m. Required rotation with bit @ liner re-entry guide
1:30	2:00	0.50	D	Break circulation, tag obstruction @ 3454m and wash to 3460m
2:00	2:15	0.25	S	Rig service
2:15	3:00	0.75	D	Safety meeting on well control with wellsite supervisor
3:00	4:00	1.00	D	Wash and drill cement top from 3460m to 3469m - cement top 25m high (0.5m3)
4:00	6:00	2.00	R	Broke low clutch chain on connection - repair
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
String weight below Jars - 7000 daN
String weight of BHA - 15000 daN
Double make all new 3 1/2" drill pipe
Pump two leak off tests with both bleeding off during the shut in periods
see pump chart and graph
Unable to get into liner at 2363.3m without rotating
Tagged soft obstruction @ 3454m and washed to 3465m before getting hard
New calculated casing cement top @ 2651m

Two Injuries
Leonard Kendall fell and hurt his back - went to hospital to have checked.
Brad Effrod cut forehead with valve handle - received first aid

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		186
Bentonite	SXS		153
Poly Pac R	SXS		14
Caustic Soda	SXS		52
X-cide 102	Pail		1
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		58
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		22
Lignite	SXS		45
ID-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Run in hole with drill string, conduct a formation leak off test, run to TD and drill on cement top.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3488	Table Point	Limestone

13 WELL STATUS at 06:00

Repairing low clutch chain

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
BJ	Cement bin		14:00	Halifax

15 PERSONNEL

Company:	5
Drilling Contractors:	17
Service Contractors:	13
TOTAL:	35

16 OPERATIONS PLANNED

Drill out of shoe and continue to test point.

Next casing point: 3493m Well TD: 3493m

17 SAFETY

DRILLS: 2 DAYS
LAST LTA: 23 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 12c

WIND Speed: nil Direction: Barometer (Mb):

heavy fog

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Oct-04	Days SinceSpud: 48	Report N°: 49
Current Depth: 3493m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 157.1mm	Shoe: 3493m Depth: 3493m	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	Hours	R.O.P. m/h	CUMUL Mtrs	Hours
Trip	#9						

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
152mm	Hughes	STX30	537	p56jm	16-14-14								

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

4 3/4 BHA: Bit #9, Near Bit Stab, 2-Non Mag DC, String Stab, 7-Spiral DC, Jars, 6-Drill collars, 9-HW Drill Pipe

BHA=245.71m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
152mm NB Stab		
152mm String Stab		

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	256.0	Den	1095
Dumped (m3)		YP	6.22
Form. Losses (m3)		PV	21.0
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	.035	Gel10m	4.0
Oil (%)		Funnel	45
Water (%)	100	Flt. tem	18
O/W ratio		pH	8.5
Filtrate API	1.5	Fluid los	10.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	07:00	1.00	D	Continue to lay down 127mm DP
07:00	07:45	0.75	D	Pull out of hole and stand DP in derrick
07:45	08:00	0.25	D	Bop Drill - Well secure in 1 min 42 sec.
08:00	09:00	1.00	D	Pull remaining DP and stand in derrick
09:00	09:30	0.50	D	Handle 7" casing hanger tool and lay down
09:30	13:00	3.50	D	Run in hole with 6 1/2" BHA, pull out of hole and lay down same
13:00	14:30	1.50	D	Change out 7" casing rams and replace with 3 1/2" pipe rams in upper BOPs
14:30	17:30	3.00	D	Off load 4 3/4 DC, Rig out tongs and elevator for 5" assembly and pickup same for 3 1/2" pipe.
17:30	18:30	1.00	S	Slip and cut 12m of drill line
18:30	23:30	5.00	D	Pick up 3 1/2" BHA and run in hole
23:30	23:45	0.25	D	Safety meeting with BJ services
23:45	01:00	1.25	D	Pressure test 3 1/2" pipe rams and stabbing valve as per spec
01:00	02:15	1.25	D	Pull out of hole with 3 1/2" BHA
02:15	02:30	0.25	S	Rig service
02:30	03:45	1.25	D	Make up Bit #9 and run in hole with BHA
03:45	06:00	2.25	D	Measure, pickup, makeup, breakout and re-make new X-95 drill pipe and run in hole
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
String weight below Jars - 7000 daN
String weight of BHA - 15000 daN
Double make all new 3 1/2" drill pipe
Spot and rig up Northland Test unit
Transfer out casing handling equipment, 6 1/2" directional drilling assemble and logging t

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		186
Bentonite	SXS		153
Poly Pac R	SXS		14
Caustic Soda	SXS		52
X-cide 102	Pail		1
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		10
Ketzan	SXS		58
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		22
Lignite	SXS		45
ID-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Pull out of hole with DP and casing setting tool, Lay down 6 1/2" BHA, Pick up 3 1/2" BHA and drill string

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3488	Table Point	Limestone

13 WELL STATUS at 06:00

Picking up 3 1/2" drill pipe

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Eastcan	Weatherford, Import and Baker tools		18:00	St. Johns
Hunt	Baker directional tools		22:00	St. Johns
Clarke	Baker Atlas tools		02:00	St. Johns

15 PERSONNEL

Company:	3
Drilling Contractors:	19
Service Contractors:	17
TOTAL:	39

16 OPERATIONS PLANNED

Continue to pickup 3 1/2" drill pipe, Conduct FIT, Run in hole to TD

Next casing point: 3493m Well TD: 3493m

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 22 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 3c

WIND Speed: 12 km/hr Direction: East Barometer (Mb):

20 COMPANY REPRESENTATIVES

Brian Falske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATIO ONSHORE DAILY DRILLING REPORT GARDEN HILL FIELD	Well : PaP#1,ST#1	Rig : SIMMONS 31	Date : 01-Oct-03	Days SinceSpu. 47	Report N°: 48
		Current Depth: 3493m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 177.8mm Bottom hole: 157.1mm	Shoe: 3493m Depth: 3493m	F.I.T. at shoe: EMW : 1914

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel/Chem		
Mixed (m3)	267.7	Den	1095
Dumped (m3)		YP	6.2
Form. Losses (m3)		PV	21.0
Surf. Losses (m3)		Gel10s	2.0
Solids (%)	.035	Gel10m	4.0
Oil (%)		Funnel	54
Water (%)	100	F/L tem	21
O/W ratio		pH	8.5
Filtrate API	1.5	Fluid los	9.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:30	1.50	D	Continue to run in hole with 7" - 29ppf - L80 - LTC casing (43.16 kg/m)
7:30	9:00	1.50	D	Lay down casing handling equipment and pick up drill pipe equipment
9:00	13:00	4.00	D	Run in hole with Import setting sleeve and drill pipe to 2325m
13:00	13:45	0.75	D	Circulate bottoms up (make up cement head on top joint of drill pipe)
13:45	16:45	3.00	D	Run in hole to 3485m
16:45	20:00	3.25	D	Pickup cement head joint, break circulation and wash 3m of fill to bottom, circulate hole cle
20:00	20:15	0.25	D	Safety meeting with BJ cementers and rig crew
20:15	22:45	2.50	D	Rig up cement lines, batch mix 12.2m3 of 1890 kg/m3, 0:1:0 + 0.5% - CD-31 + 0.4% - FL + 0.5% Bentonite cement slurry and 6.0m3 of pre-flush blend. Pump pre-flush, cement sl drop wiper dart and 42m3 of displacement mud. Bleed off pressure and check floats - OK
22:45	23:30	0.75	D	Back off setting sleeve and lay down cement head
23:30	0:00	0.50	D	Pickup kelly and back wash 3 drill pipe singles and lay down
0:00	1:00	1.00	D	Circulate bottoms up with no cement returns to surface.
1:00	1:15	0.25	D	Safety meeting with rig crew
1:15	6:00	4.75	D	Pull out of hole and lay down 98 joints of drill pipe
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
Casing string weight - 44000 daN
String weight with shoe @ the window - UP 82000 daN, DOWN 75000 daN
Fill drill pipe on every stand once shoe is in open hole
Pump 6m3 of pre-flush @ 0.9m3/min with 4300 kPa followed by 12.2m3 of batch mixed cement slurry @ 0.7m3/min with 1830 kPa. Drop wiper dart and chase with 19.4m3 of displacement mud @ 0.92m3/min. Pressure spike of 6000 kPa when dart hit wiper. Add retardent to 2m3 and complete displacement with 22.6m3 of mud. Bleed off pressur and check floats - OK
Estimated cement top @ 2615m
No contaminated mud @ shaker during circulation

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		186
Bentonite	SXS		153
Poly Pac R	SXS		14
Caustic Soda	SXS		52
X-cide 102	Pail		1
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		58
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		22
Lignite	SXS		45
ID-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Run in casing and circulate to bottom, Cement with 12.2m3 of slurry and displace. Pull out and lay down drill pipe

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3488	Table Point	Limestone

13 WELL STATUS at 06:00

Pulling out of hole sideways

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	3
Drilling Contractors:	19
Service Contractors:	17
TOTAL:	39

16 OPERATIONS PLANNED

Pull out of hole with setting tool, lay down BHA, pickup 3 1/2" string.

Next casing point: 3493m Well TD: 3493m

17 SAFETY

DRILLS: 7 DAYS
LAST LTA: 21 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 9c

WIND Speed: 21 km/hr Direction: W - NW Barometer (Mb):

Clear

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Oct-02	Days SinceSpud: 46	Report N°: 47
Current Depth: 3493m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3493m	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

Bit 9RR — Bit #9RR, Bit Sub, 5-Drill collars, X-over, Jars, X-over, 9 - Drill collars, X-over, 9 - HW Drill pipe

Pulled

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	214.6	Den	1095
Dumped (m3)		YP	3.83
Form. Losses (m3)		PV	17.0
Surf. Losses (m3)		Gel10s	2.0
Solids (%)	.035	Gel10m	3.0
Oil (%)		Funnel	46
Water (%)	100	F/L tem	30
O/W ratio		pH	8.5
Filtrate API	1.0	Fluid los	8.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	16:30	10.50	D	Pull out of hole with bit # 9RR, Pull tight @ 3398m, Conduct flow checks, Drop 60.3mm drift @ 2598m, Strap drill pipe from 2598m to surface.
16:30	18:15	1.75	D	Pull wear bushings, set BOP test plug, install 7" casing rams
18:15	18:30	0.25	D	Safety meeting with BJ services
18:30	19:30	1.00	D	Pressure test casing rams to low - 1400kPa and high - 21000kPa
19:30	21:00	1.50	D	Pull out of hole with BHA and stand in derrick
21:00	21:15	0.25	S	Rig Service
21:15	21:30	0.25	D	Safety meeting with Weatherford and rig crew
21:30	22:00	0.50	D	Make up 7" x 4 1/2" cross over on a joint of drill pipe
22:00	0:00	2.00	D	Rig up to run casing
0:00	6:00	6.00	D	Make up and run in hole with 7" casing
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
Max pulls during wash up to 175000 daN
Pump out 6 single on trip out from 3398m
7" Casing - 29ppf, L-80, LTC, R3 made up to 5870 ft-lbs
Thread lock shoe, float and third collar
Install 3.06m short maker 5 joints off bottom
Spiral centralisers placed in the center on the first 57 joints
Check compatibility of drill mud with cement retarder - OK
Service and check cement batch mixer
Place stock tanks in C-ring

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		186
Bentonite	SXS		153
Poly Pac R	SXS		14
Caustic Soda	SXS		52
X-cide 102	Pail		1
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		58
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS		22
Lignite	SXS		45
ID-Lube XL	SXS		19
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Pull out of hole with drill string, Run in hole with 7" casing

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3488	Table Point	Limestone

13 WELL STATUS at 06:00

Continue to run 7" casing

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Davis	Drill mud	23.00		

15 PERSONNEL

Company:	3
Drilling Contractors:	19
Service Contractors:	14
TOTAL:	36

16 OPERATIONS PLANNED

Run casing to bottom on drill pipe, Cement in place.

Next casing point: 3493m Well TD: 3493m

17 SAFETY

DRILLS: 6 DAYS
LAST LTA: 20 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 5c

WIND Speed: 12 km/hr Direction: S - SE Barometer (Mb):

Low cloud and calm

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Oct-01	Days SinceSpud: 45	Report N°: 46
Current Depth: 3493m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3493m	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Ream	9RR						

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9	Hughes	xlr20dd	517	m21df	3 x 16								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
	30	1320	11400

4 DRILL STRING ASSEMBLY

Bit 9RR — Bit #9RR, Bit Sub, 5-Drill collars, X-over, Jars, X-over, 9 - Drill collars, X-over, 9 - HW Drill pipe

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	220.6	Den	1095
Dumped (m3)		YP	3.83
Form. Losses (m3)		PV	20.0
Surf. Losses (m3)		Gel10s	2.0
Solids (%)	.035	Gel10m	3.0
Oil (%)		Funnel	53
Water (%)	100	F/L tem	30
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid los	9.5
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:30	0.50	D	Rig out Baker Atlas Logging unit
6:30	6:45	0.25	D	Safety Meeting and clean floor
6:45	10:15	3.50	S	Slip and cut 164m of drill line
10:15	10:30	0.25	S	Rig Service - function test blind rams
10:30	14:15	3.75	D	Make up Bit # 9RR and BHA - run in hole to 1334m
14:15	14:30	0.25	D	Break circulation
14:30	16:15	1.75	D	Run in hole to 2330m
16:15	16:30	0.25	D	Break circulation
16:30	18:45	2.25	D	Run in hole to 3336m
18:45	19:15	0.50	D	Break circulation and ream to 3353m
19:15	19:30	0.25	S	Rig Service
19:30	1:45	6.25	D	Wash and ream to TD at 3493m - 2m of fill on bottom
1:45	6:00	4.25	D	Circulate hole clean and condition mud - shale caving to surface
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
Max pulls during wash up to 175000 daN
Reamed bridge at 3470m
Install cages on tank ladders

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		186
Bentonite	SXS		153
Poly Pac R	SXS		14
Caustic Soda	SXS		52
X-cide 102	Pail		1
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		58
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-6	22
Lignite	SXS		45
ID-Lube XL	SXS	-1	19
SAPP	SXS		10

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3488	Table Point	Limestone

11 SUMMARY OF OPERATIONS

Run in hole for clean out trip, circulate hole clean.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Hunt	casing x-overs	14:00		

15 PERSONNEL

Company:	3
Drilling Contractors:	18
Service Contractors:	9
TOTAL:	30

13 WELL STATUS at 06:00

Start to pull out of hole to run casing

16 OPERATIONS PLANNED

Pull out of hole. Pick up and run casing

Next casing point: 3493m Well TD: 3493m

17 SAFETY

DRILLS: 5 DAYS
LAST LTA: 19 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 3c

WIND Speed: 19 km/hr Direction: W - SW Barometer (Mb):

Calm and clear

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-30	Days SinceSpud: 44	Report N°: 45
Current Depth: 3493m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3493m	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	215.7	Den	1065
Dumped (m3)		YP	5.75
Form. Losses (m3)		PV	12.0
Surf. Losses (m3)		Gel10s	2.5
Solids (%)	0.030	Gel10m	4.0
Oil (%)		Funnel	45
Water (%)	100	F/L tem	30
O/W ratio		pH	9.5
Filtrate API	1.0	Fluid los	7.8
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:00	24.00	D	Log with Baker Atlas. Bridge off at 3470m. Log from bridge to window. Log #1 - MLL - DLL- XMAC - GR Log #2 - ZDL - GR - CN - HDIL Log #3 - GR - HDIP - CBIL
		24.00		

9 REMARKS

Conduct daily walk around

Held safety meeting with rig crew

Filling C-Ring with Gravel for tank farm

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS	-30	186
Bentonite	SXS		153
Poly Pac R	SXS	-1	14
Caustic Soda	SXS		52
X-cide 102	Pail		1
Defoamer X	Pail		36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		58
Poly Plus RD	SXS		18
Poly Pac Ultra Low	SXS	-1	28
Lignite	SXS	-2	45
ID-Lube XL	SXS		20
SAPP	SXS		10

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3488	Table Point	Limestone

11 SUMMARY OF OPERATIONS

Log with Baker Atlas

13 WELL STATUS at 06:00

Logging with Baker Atlas

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	21
Service Contractors:	12
TOTAL:	35

16 OPERATIONS PLANNED

Rig out loggers, Run clean out trip

Next casing point: 3493m Well TD: 3493m

17 SAFETY

DRILLS: 4 DAYS

LAST LTA: 18 DAYS

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 8c

WIND Speed: 40 km/hr Direction: W - NW Barometer (Mb):

Low clouds with gusting winds

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-29	Days SinceSpud: 43	Report N°: 44
Current Depth: 3493m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3493m	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Pulled	8RR	3467				45	48.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9	Hughes	XLR20D	517	M21DF	3 x 16	4	4	WT	G	E	I	CT	TD

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

BIT #8: Bit #8, Bit Sub, NMDC, Hang Off Sub, NMDC, Crossover, 6-Drill Collars, Crossover, Jars, Crossover, 9-Drill Collar Crossover, 9-HW Drill Pipe. BHA LENGTH = 253.34m Pulled

Mill #1: Pilot mill, Bit sub, Melon mill, 9- HW Drill pipe, Jars BHA LENGTH = 93.44m Pulled

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	215.7	Den	1085
Dumped (m3)		YP	5.75
Form. Losses (m3)		PV	12.0
Surf. Losses (m3)		Gel10s	2.5
Solids (%)	0.030	Gel10m	4.0
Oil (%)		Funnel	45
Water (%)	100	F/L tem	30
O/W ratio		pH	9.5
Filtrate API	1.0	Fluid los	7.8
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	12:30	6.50	D	Continue to pull out of hole with bit # 8RR
12:30	13:30	1.00	D	Lay down MWD tool and non mag collars
13:30	13:45	0.25	S	Rig service
13:45	16:30	2.75	D	Pick up melon mill with pilot and run in hole
16:30	17:00	0.50	D	Break circulation with mill at 1180m
17:00	18:45	1.75	D	Continue to run in hole with milll to 2338m
18:45	20:45	2.00	D	Break circulation and dress casing window
20:45	21:30	0.75	D	Circulate cuttings to surface
21:30	2:30	5.00	D	Pull out of hole with mill assembly and lay down
2:30	6:00	3.50	D	Safety meeting, Rig up Baker Atlas and log open hole
		24.00		

9 REMARKS

Conduct daily walk around
Held safety meeting with rig crew
Filling C-Ring with Gravel for tank farm
Currently having tool problems with Atlas

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		216
Bentonite	SXS		153
Poly Pac R	SXS		15
Caustic Soda	SXS	-2	52
X-cide 102	Pail		1
Defoamer X	Pail	-2	36
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-1	58
Poly Plus RD	SXS	-2	18
Poly Pac Ultra Low	SXS		29
Lignite	SXS		47
ID-Lube XL	SXS	-1	20
SAPP	SXS		10

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3488	Table Point	Limestone

11 SUMMARY OF OPERATIONS

Pulled out of hole with Bit 8RR, Ran in hole with mill and dressed window, Pulled out with same, Rigged up Baker Atlas and start to log open hole

13 WELL STATUS at 06:00

Logging with Baker Atlas

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	21
Service Contractors:	12
TOTAL:	35

16 OPERATIONS PLANNED

Continue to log with Baker Atlas

Next casing point: 3493m Well TD: 3493m

17 SAFETY

DRILLS: 3 DAYS
LAST LTA: 17 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 5c

WIND Speed: 13 km/hr Direction: N Barometer (Mb):

Low clouds with rain

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATIO ONSHORE DAILY DRILLING REPORT GARDEN HILL FIELD	Well : **PaP#1,ST1**	Rig : SIMMONS 31	Date : 01-Sep-28	Days SinceSpud: 42	Report N°: 43
		Current Depth: 3496m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3493m	F.I.T. at shoe: EMW : 1914

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	8RR	3467	15	13.50	1.5	45	48.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9	Hughes	XLR20D	517	M21DF	3 x 16								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17000	70	1300	11200

4 DRILL STRING ASSEMBLY

BIT #8 | Bit #8, Bit Sub, NMDC, Hang Off Sub, NMDC, Crossover, 6-Drill Collars, Crossover, Jars, Crossover, 9-Drill Collar Crossover, 9-HW Drill Pipe. BHA LENGTH = 253.34m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	215.7	Den	1085
Dumped (m3)		YP	5.75
Form. Losses (m3)		PV	12.0
Surf. Losses (m3)		Gel10s	2.5
Solids (%)	0.030	Gel10m	4.0
Oil (%)		Funnel	45
Water (%)	100	F/L tem	30
O/W ratio		pH	9.5
Filtrate API	1.0	Fluid los	8.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	13:45	7.75	D	Drill from 3478m to 3485m
13:45	14:00	0.25	S	Rig service
14:00	14:15	0.25	D	Survey with bit at 3484m
14:15	20:00	5.75	D	Drill from 3485 to TD @ 3493m
20:00	22:00	2.00	D	Circulate up bottom hole sample and condition mud
22:00	23:45	1.75	D	Complete a 10 stand wiper trip with max. pull @ 162000 daN. No problems
23:45	1:15	1.50	D	Break circulation and clean hole
1:15	1:30	0.25	S	Rig service
1:30	2:00	0.50	D	Pull out of hole with bit # 8RR Measure string out
2:00	4:15	2.25	D	Hole pulls tight @ 3370m, Mix lignite sweep, Pump out 5 singles
4:15	6:00	1.75	D	Continue to pull out of hole with bit # 8RR
		24.00		

9 REMARKS

Max pull - 177000 daN @ 3370m
String weight - 126000 daN
Hole drag: UP 25 - 45000 daN DOWN 17 - 25000 daN
Rotary torque 67%
Metal cuttings in sample since rotating @ 70 RPM (up to 20%)
Sharp gamma ray spike @ 3488m - Table Point
Collecting 1m cutting samples
Conduct daily walk around
Held safety meeting with rig crew
Liner installed in C-ring tank farm
Casing centralisers installed and threads washed

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		216
Bentonite	SXS	-30	153
Poly Pac R	SXS	-2	15
Caustic Soda	SXS	-2	54
X-cide 102	Pail		1
Defoamer X	Pail	-2	38
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-1	59
Poly Plus RD	SXS		20
Poly Pac Ultra Low	SXS		29
Lignite	SXS	-4	47
ID-Lube XL	SXS	-1	21
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Drill to TD at 3493m, pull wiper trip, circulate and condition mud, start out of hole with bit # 8RR

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone
3478	3488	Table Point	Limestone

13 WELL STATUS at 06:00

Pulling out of hole with Bit # 8RR

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Hunt	Import and Weatherford equipment	14:00		
Hunt	Import sea can	14:00		
Clarke	Logging tools	16:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	21
Service Contractors:	8
TOTAL:	31

16 OPERATIONS PLANNED

Mill and dress casing window, Log open hole section

Next casing point: 3495m Well TD: 0 m

17 SAFETY

DRILLS: 2 DAYS
LAST LTA: 16 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 4c

WIND Speed: nil Direction: Barometer (Mb):

Clear with high cloud

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATIO ONSHORE DAILY DRILLING REPORT GARDEN HILL FIELD	Well : aP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-27	Days SinceSpud: 41	Report N°: 42
		Current Depth: 3478m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3478m	F.I.T. at shoe: EMW : 1914

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
Drill	8RR	3467	11	12.00	0.9	30	35.00	215.9	Hughes	XLR20D	517	M21DF	3 x 16								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17000	70	1300	11200

4 DRILL STRING ASSEMBLY

BIT #8 — Bit #8, Bit Sub, NMDC, Hang Off Sub, NMDC, Crossover, 6-Drill Collars, Crossover, Jars, Crossover, 9-Drill Collar Crossover, 9-HW Drill Pipe. BHA LENGTH = 253.34m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	220.7	Den	1090
Dumped (m3)		YP	4.79
Form. Losses (m3)		PV	13.0
Surf. Losses (m3)		Gel10s	2.5
Solids (%)	0.030	Gel10m	4.0
Oil (%)		Funnel	45
Water (%)	100	F/L tem	30
O/W ratio		pH	9.5
Filtrate API	1.0	Fluid los	8.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:30	0.50	D	Continue to run in hole with Bit #8
6:30	7:00	0.50	D	Break circulation and check MWD tool
7:00	11:00	4.00	D	Continue to run in hole with Bit #8
11:00	13:30	2.50	D	Break circulation. Wash and ream to 3458m
13:30	14:30	1.00	D	Ream and log to bottom @ 3467m (no fill)
14:30	14:45	0.25	S	Rig service - function test upper pipe rams
14:45	15:00	0.25	D	BOP drill. Well shut-in and secure in 95 seconds
15:00	16:45	1.75	D	Pattern bit and drill from 3467m to 3469m
16:45	18:15	1.50	D	Stop drilling upon Gamma Ray indicator. Circulate up bottom hole sample
18:15	2:30	8.25	D	Drill from 3469 to 3476m
2:30	2:45	0.25	S	Rig service
2:45	4:00	1.25	D	Work string and circulate hole clean
4:00	6:00	2.00	D	Drill from 3476 to 3478m
		24.00		

9 REMARKS

Max pull off bottom - 165000 daN
String weight - 126000 daN
Hole drag: UP 20 - 35000 daN DOWN 15 - 20000 daN
Rotary torque 60 - 67%
Penetration at less than 1 m/hr
Metal cuttings in sample since rotating @ 70 RPM (up to 20%)
Increase in limestone detected on gamma ray at 3469m. Stopped to circulate up sample
Conduct daily walk around
Held discussion with non rig personnel on BOP drills, wind direction and alternate mustar
Conduct monthly safety committee meeting
Held safety meeting with rig crew

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS	-30	216
Bentonite	SXS		183
Poly Pac R	SXS		17
Caustic Soda	SXS		56
X-cide 102	Pail		1
Defoamer X	Pail		40
Sawdust	SXS		30
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		60
Poly Plus RD	SXS	-1	20
Poly Pac Ultra Low	SXS		29
Lignite	SXS		51
ID-Lube XL	SXS	-2	22
SAPP	SXS		10

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3478	Table Cove	Shale, Sandstone and Limestone

11 SUMMARY OF OPERATIONS

Run in hole with Bit 8RR, Ream to bottom, Drill ahead with gamma ray from 3467m to 3478m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Hunt	Directional tools		17:00	Baker - St Johns

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Service Contractors:	9
TOTAL:	28

13 WELL STATUS at 06:00

Drilling ahead from 3478m

16 OPERATIONS PLANNED

Drill ahead to casing TD @ estimated 3494m

Next casing point: 3495m Well TD: 0 m

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 15 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 7c

WIND Speed: 10 km/hr Direction: N to NE Barometer (Mb):

Clear with slight wind

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-26	Days SinceSpud: 40	Report N°: 41
Current Depth: 3467m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3467m	F.I.T. at shoe: EMW : 1914	

1 PENETRATION / 2 BITS / DULL / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R	WOB daN	RPM	Flow l/mn	Pres. kPa
TRIP	7	3270				197	91.00	215.9	Hughes	MX 30 G	537	RO2DF	3x20	6	4	CD3	M	F	2mm	CI - ER	HR-BHA	17/30	24-30	1330	11200
Trip	8RR	3467					24.50	215.9	Hughes	XLR20D	517	M221DF	3x16												

4 DRILL STRING ASSEMBLY

BHA: Bit #7/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m PULLED

BIT #8: Bit #8, Bit Sub, NMDC, Hang Off Sub, NMDC, Crossover, 6-Drill Collars, Crossover, Jars, Crossover, 9-Drill Collar Crossover, 9-HW Drill Pipe. BHA LENGTH = 253.34m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)	222.6	Den	1095
Dumped (m3)		YP	5.27
Form. Losses (m3)		PV	12.0
Surf. Losses (m3)		Gel10s	2.5
Solids (%)	0.030	Gel10m	4.5
Oil (%)		Funnel	45
Water (%)	100	F/L tem	30
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid los	9.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	14:45	8.75	D	Pull out of hole with Bit #7 conducting flow checks - max pull = 165000 daN
14:45	15:00	0.25	S	Rig service
15:00	15:30	0.50	D	Pull MWD tool, lay down mud motor and stabilizer
15:30	16:45	1.25	D	Make up BHA and run in hole with bit #8RR
16:45	23:00	6.25	S	Pressure test BOPs and manifold as per Government specs
23:00	2:30	3.50	R	Repair cathead on break out side
2:30	3:00	0.50	D	Pull BOP test plug and set wear bushing
3:00	4:15	1.25	S	Slip and cut 84m of drill line
4:15	4:30	0.25	S	Rig service
4:30	4:45	0.25	D	Continue to run in hole with Bit #8
4:45	5:00	0.25	D	Break circulation and check MWD tool
5:00	6:00	1.00	D	Continue to run in hole with Bit #8
		24.00		

9 REMARKS

Max pull off bottom - 165000 daN
String weight - 127000 daN
Hole fill data: calc-19.7m3 actual-22.0m3 diff-2.3m3
Hole static on flow checks
Held site safety meeting prior to pressure test
BHA - 27000 daN Below jars - 12 daN
Bit #8RR was pulled August 10, 2001 with 24.5 HRS and graded as 3-3-CT-G-E-I-WT-B
Used BJ Services to pressure test BOPs
Release Directional Driller

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		246
Bentonite	SXS		183
Poly Pac R	SXS	-3	17
Caustic Soda	SXS	-2	56
X-cide 102	Pail		1
Defoamer X	Pail	-2	40
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		60
Poly Plus RD	SXS	-3	21
Poly Pac Ultra Low	SXS	-3	29
Lignite	SXS	-2	51
ID-Lube XL	SXS	-1	24
SAPP	SXS		10

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
3445	3467	Table Cove	

11 SUMMARY OF OPERATIONS

Pull out of hole with Bit #7, Pressure test BOPs, Repair cathead, Slip and cut line, Run in hole with Bit #8RR

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Service Contractors:	9
TOTAL:	29

13 WELL STATUS at 06:00

Running in hole with Bit #8

16 OPERATIONS PLANNED

Trip to, ream and log to bottom. Drill ahead to casing TD.

Next casing point: 3495m Well TD: 0 m

17 SAFETY

DRILLS: 7 DAYS
LAST LTA: 14 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 12c

WIND Speed: nil Direction: Barometer (Mb):

Heavy fog and wet

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	[redacted]aP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-25	Days SinceSpud: 39	Report N°: 40
Current Depth: 3467m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm	Shoe: WINDOW 2339	F.I.T. at shoe:	
		Bottom hole: 215.9mm	Depth: 3467m	EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill Slide	7	3270	47	17.25	2.7	197	91.00

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9	Hughes	MX 30 G	537	RO2DF	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17000	24-30	1330	11200
30000	Motor	1330	11200

4 DRILL STRING ASSEMBLY

BHA: Bit #7/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
165 mm Mach 1XL	17.25	91.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD	26.41	3421	21.10	279.2
MWD	26.97	3430.3	20.50	280.6
MWD	27.56	3439.4	19.40	281.3
MWD	28.17	3449.2	18.50	280.9

7 MUD

TYPE: Gel/Chem

Mixed (m3)	222.6	Den	1095
Dumped (m3)		YP	6.22
Form. Losses (m3)		PV	13.0
Surf. Losses (m3)		Gel10s	3.0
Solids (%)	.025	Gel10m	5.0
Oil (%)		Funnel	45
Water (%)	100	F/L tem	33
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid los	8.5
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:45	0.75	D	Work drill string twice and survey with bit 3420m
6:45	10:00	3.25	D	Drill from 3421m to 3430m
10:00	10:30	0.50	D	Work drill string twice and survey with bit @ 3429m
10:30	13:45	3.25	D	Drill from 3430m to 3439m
13:45	14:00	0.25	S	Rig service
14:00	14:30	0.50	D	Work drill string twice and survey with bit @ 3438m
14:30	15:15	0.75	D	Slide 3m with 70 degrees left
15:15	17:45	2.50	D	Drill from 3441m to 3448m
17:45	18:30	0.75	D	Work drill string twice and survey with bit @ 3447m
18:30	20:15	1.75	D	Slide 5m with 30 degrees left and WOB @ 30000 daN
20:15	22:00	1.75	D	Drill from 3452m to 3458m
22:00	23:00	1.00	D	Work drill string twice and survey with bit @ 3457m - Change out MWD computer monitor
23:00	1:30	2.50	D	Slide 5m
1:30	3:00	1.50	D	~~Drill from 3462m to 3467m / record Gamma Ray spike @ 3445m~~
3:00	5:00	2.00	D	Circulate and condition mud - flow check on bottom
5:00	6:00	1.00	D	Pull out of hole with bit # 7
		24.00		

9 REMARKS

Hole drag: up 20 - 30 daN, down 15 - 20 daN
String weight - 127000 daN
Measured Depth 3449.2m = TVD 3392.63m
Rotary torque - 48% - 58%
Function test Chimo choke
BHA - 37000 daN Below jars - 12 daN
Loose 1.1 degrees with slide and drill from 3448m to 3458m
Formation tendency is to the right
Lay gravel base for tank farm C-ring

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		246
Bentonite	SXS	-25	183
Poly Pac R	SXS	-3	20
Caustic Soda	SXS	-3	58
X-cide 102	Pail		1
Defoamer X	Pail	-1	42
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		60
Poly Plus RD	SXS	-4	24
Poly Pac Ultra Low	SXS	-3	32
Lignite	SXS	-2	53
ID-Lube XL	SXS	-2	25
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Drill and slide from 3420m to 3467m with surveys on each connection.
Pull out of hole after recording Gamma Ray spike @ 3445m

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3445	Goose Tickle	Shale and Sandstone
~~3445~~	3467	~~Table Cove~~	

13 WELL STATUS at 06:00

Pulling out of hole with bit #7

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination
Air	216mm Bit	0:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Service Contractors:	8
TOTAL:	28

16 OPERATIONS PLANNED

Pull out of hole, lay down directional tools, change bit, slip and cut line, pressure test BOPs and run in hole with bit #8

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 6 DAYS
LAST LTA: 104 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 12c

WIND Speed: nil Direction: SW Barometer (Mb):

In the fog.

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	aP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-24	Days SinceSpud: 38	Report N°: 39
Current Depth: 3420m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3420m	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	7	3270	42	21.75	1.9	150	73.75
Slide							

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9	Hughes	MX 30 G	537	RO2DF	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17000	24-30	1330	11200
30000	Motor	1330	11200

4 DRILL STRING ASSEMBLY

BHA: Bit #7/ dog sub /216 mm mach 1xl @ 1 3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
165 mm Mach 1XL	21.75	73.75

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD	23.91	3375.3	17.40	281.3
MWD	24.43	3384.4	18.10	280.2
MWD	24.94	3393.9	19.30	279.2
MWD	25.41	3402.7	20.40	278.8

7 MUD

TYPE: Gel/Chem

Mixed (m3)	222.9	Den	1090
Dumped (m3)		YP	5.75
Form. Losses (m3)		PV	15.0
Surf. Losses (m3)		Gel10s	3.0
Solids (%)	.025	Gel10m	5.5
Oil (%)		Funnel	45
Water (%)	100	F/L tem	33
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid los	8.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:30	0.50	D	Slide 1 m with 30 degrees left with WOB @ 30000 daN
6:30	8:15	1.75	D	Drill from 3379m to 3384m
8:15	8:45	0.50	D	Survey with bit @ 3383m
8:45	12:30	3.75	D	Slide 7 m with 20 to 30 degrees left with WOB @ 30000 daN
12:30	13:15	0.75	D	Drill from 3391m to 3393m
13:15	13:30	0.25	S	Rig service - function test annular - 32sec to close
13:30	14:00	0.50	D	Survey with Bit @ 3392m
14:00	17:15	3.25	D	Slide 7m with 10 to 20 degrees left with WOB @ 30000 daN
17:15	19:00	1.75	D	Drill from 3399 to 3403m
19:00	19:15	0.25	D	Survey with bit @ 3402m
19:15	21:00	1.75	D	Slide 3m with 10 to 20 degrees left
21:00	0:45	3.75	D	Drill from 3405m to 3412m
0:45	1:15	0.50	D	Work drill sting twice and survey with bit 3411m
1:15	1:30	0.25	S	Rig service - Clean pump suction screen
1:30	2:15	0.75	D	Slide 2m with 50 degrees left with WOB @ 30000 daN
2:15	6:00	3.75	D	Drill from 3414m to 3420m
		24.00		

9 REMARKS

Hole drag: up 20 - 30 daN, down 15 - 25 daN
String weight - 126000 daN
Measured Depth 3402.7m = TVD 3349.02m
Rotary torque - 55% - 62%
Function test crown saver, Chimo choke, and annular
BHA - 37000 daN Below jars - 12 daN
Penetration increase over last 3m drilled
Intervals of reduced penetration identified as sand stringers on gamma ray
Currently drilling in neutral
Install C-Ring wall and cement in place for tank farm
Replaced alternator on shack generator, small spare generator now on location

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		246
Bentonite	SXS		208
Poly Pac R	SXS	-2	23
Caustic Soda	SXS	-2	61
X-cide 102	Pail		1
Defoamer X	Pail	-2	43
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		60
Poly Plus RD	SXS	-2	28
Poly Pac Ultra Low	SXS	-2	35
Lignite	SXS	-8	55
ID-Lube XL	SXS	-1	27
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Drill and slide from 3378m to 3420m with surveys on each connection

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3420	Goose Tickle	Shale and Sandstone

13 WELL STATUS at 06:00

Survey with bit @ 3419m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Service Contractors:	8
TOTAL:	28

16 OPERATIONS PLANNED

Drill ahead from 3420m and pull out of hole for bit change

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 5 DAYS
LAST LTA: 103 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 10c

WIND Speed: 16 km/hr Direction: SW Barometer (Mb):

In the fog.

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-23	Days SinceSpud: 37	Report N°: 38
Current Depth: 3378m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3378m	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	7	3270	42	19.75	2.1	108	52.00
Slide							

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9	Hughes	MX 30 G	537	RO2DF	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17000	24-30	1330	12200
30000	Motor	1330	12200

4 DRILL STRING ASSEMBLY

BHA: Bit #7/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
165 mm Mach 1XL	19.75	52.00

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD	20.69	3328	17.40	282.3
MWD	21.32	3337.3	17.00	284.1
MWD	21.99	3346.7	16.70	284.4
MWD	22.68	3356.4	17.10	284.1

7 MUD

TYPE: Gel/Chem

Mixed (m3)	221.3	Den	1085.00
Dumped (m3)		YP	4.79
Form. Losses (m3)		PV	12.0
Surf. Losses (m3)		Gel10s	2.5
Solids (%)	0.03	Gel10m	4.5
Oil (%)		Funnel	44
Water (%)	100	F/L tem	32
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid los	9.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:45	0.75	D	Survey with bit @ 3336m
6:45	7:30	0.75	D	Slide 2m with 30 degrees left
7:30	11:45	4.25	D	Drill from 3338m to 3346m
11:45	12:00	0.25	D	Survey with bit @ 3346
12:00	14:00	2.00	D	Slide 5m with 30 degrees left with WOB @ 22000 daN
14:00	16:00	2.00	D	Drill from 3351m to 3355m
16:00	16:15	0.25	S	Rig service
16:15	16:45	0.50	D	Survey with Bit @ 3355m
16:45	19:15	2.50	D	Slide 5m with 30 degrees left with WOB @ 22000 daN
19:15	21:15	2.00	D	Drill from 3360 to 3365m
21:15	21:45	0.50	D	Survey with bit @ 3365m
21:45	23:15	1.50		Shack generator is down, no power for MWD computers
23:15	1:30	2.25	D	Slide 5m with 30 degrees left with WOB @ 30000 daN
1:30	3:45	2.25	D	Drill from 3370m to 3374m
3:45	4:15	0.50	D	Survey with bit @ 3374m
4:15	6:00	1.75	D	Slide 4m with 30 degrees left with WOB @ 30000 daN
		24.00		

9 REMARKS

Hole drag: up 20 - 30 daN, down 15 - 23 daN
String weight - 125000 daN
Measured Depth 3356.4m = TVD 3305.03m
Rotary torque - 45% - 55%
Function test crown saver
BHA - 37000 daN Below jars - 12 daN
Set post form in place and backfill trench for C-ring on tank farm
United Rentals' generator for the shacks needs a new alternator - cause of down time
Require longer slides to build inclination angle and combat hard right trend

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		206
Bentonite	SXS	-20	188
Poly Pac Reg	SXS	-2	55
Caustic Soda	SXS	-4	48
X-cide 102	Pail		1
Defoamer X	Pail	-2	35
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-2	59
KCL	SXS		0
Poly Pac Ultar Low	SXS	-1	33
Lignite	SXS	-6	63
ID-Lube XL	SXS		28
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Drill from 3336m to 3378m with surveys and slides

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3378	Goose Tickle	Shale and Sandstone

13 WELL STATUS at 06:00

Sliding @ 3378m

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Service Contractors:	8
TOTAL:	28

16 OPERATIONS PLANNED

Drill/slide ahead from 3378m

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 4 DAYS
LAST LTA: 102 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 9c

WIND Speed: 21 km/hr Direction: SE Barometer (Mb):

Heavy rain storms and clearing, very mixed weather

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-22	Days SinceSpud: 36	Report N°: 37
Current Depth: 3336m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3336m		F.I.T. at shoe: EMW : 1914

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	7	3270	44	22.50	1.9	66	32.25
Slide							

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9	Hughes	MX 30 G	537	RO2DF	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17000	24-30	1330	11200
26000	Motor	1330	11200

4 DRILL STRING ASSEMBLY

BHA: Bit #7/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
215.9 mm Dog sub	22.50	?
165 mm Mach 1XL	22.50	32.25
172mm Nortach	22.50	?

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD	18.26	3280.3	20.60	277.8
MWD	18.73	3289.9	20.40	278.1
MWD	19.64	3308.9	18.50	278.8
MWD	20.12	3318.4	17.80	280.2

7 MUD

TYPE: Gel/Chem

Mixed (m3)	215.7	Den	1080.00
Dumped (m3)		YP	4.31
Form. Losses (m3)		PV	13.0
Surf. Losses (m3)		Gel10s	2.5
Solids (%)	0.03	Gel10m	4.0
Oil (%)		Funnel	44
Water (%)	100	F/L tem	30
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid los	9.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	10:30	4.50	D	Drill from 3292m to 3298m
10:30	10:45	0.25	D	Survey with Bit @ 3298m
10:45	12:00	1.25	D	Slide 2m with 170 degrees left
12:00	14:30	2.50	D	Drill from 3300m to 3308m
14:30	14:45	0.25	S	Rig service - function test upper pipe rams
14:45	15:00	0.25	D	Survey with bit @ 3308m
15:00	0:30	9.50	D	Drill from 3308m to 3327m
0:30	0:45	0.25	S	Rig service - check stabbing valve
0:45	1:15	0.50	D	Survey with Bit @ 3327m
1:15	2:15	1.00	D	Slide 2m with WOB @ 26000 daN
2:15	6:00	3.75	D	Drill from 3329m to 3336m
		24.00		

9 REMARKS

Hole drag: up 20 - 30 daN, down 15 - 22 daN
String weight - 123000 daN
Measured Depth 3318.4m = TVD - 3268.72m
Conduct safety meeting with crew
Conduct daily walk around
BHA - 37000 daN Below jars - 12 daN
Construct trench and corner form for C-Ring

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		206
Bentonite	SXS		208
Poly Pac Reg	SXS	+30	57
Caustic Soda	SXS		52
X-cide 102	Pail		1
Defoamer X	Pail		37
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	40	61
KCL	SXS		0
Poly Pac Ultar Low	SXS		34
Lignite	SXS		69
ID-Lube XL	SXS	24	28
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Drill from 3292m to 3336m with surveys and 2 m slides

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3294	Lourdes	Limestone
3294	3336	Goose Tickle	Shale and Sandstone

13 WELL STATUS at 06:00

Drilling @ 3336m

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination
Ways	Mud additives	16:00		
Hunt	Mud motors deliver & return 1	11:00	12:00	Baker - St Johns
Hunt	C-Ring and 3 1/2" Drill pipe	10:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Service Contractors:	8
TOTAL:	28

16 OPERATIONS PLANNED

Drill ahead from 3336m

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 3 DAYS
LAST LTA: 101 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 9c

WIND Speed: 19 km/hr Direction: SE Barometer (Mb):

High overcast with warm breeze

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-21	Days SinceSpud: 25	Report N°: 36
Current Depth: 3292m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3292m	F.I.T. at shoe: EMW : 1914	

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
Drill	7	3270	22	9.75	2.2	22	9.75	215.9	Hughes	MX 30 G	537	RO2DF	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17000	24-30	1330	11200

4 DRILL STRING ASSEMBLY

BHA: Bit #7/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
215.9 mm Dog sub	9.75	?
165 mm Mach 1XL	9.75	9.75
172mm Nortach	9.75	?

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
MWD	17.4	3261.5	20.50	277.4
MWD	17.83	3288.9	20.50	277.4

7 MUD

TYPE: Gel/Chem

Mixed (m3)	214.2	Den	1080.00
Dumped (m3)		YP	4.31
Form. Losses (m3)		PV	12.0
Surf. Losses (m3)		Gel10s	2.5
Solids (%)	0.03	Gel10m	4.0
Oil (%)		Funnel	42
Water (%)	100	F/L tem	30
O/W ratio		pH	8.5
Filtrate API	1.0	Fluid los	10
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:30	0.50	D	Break circulation and check tool orientation
6:30	7:15	0.75	D	Function test BOP and Accumulator
7:15	10:15	3.00	D	Run in hole to 3080m
10:15	15:15	5.00	D	Run Gamma Ray pass from 3080m to 3131m
15:15	15:45	0.50	R	Change out pressure transducer for MWD
15:45	18:30	2.75	R	Run Gamma Ray pass from 3131m to 3140m
18:30	19:00	0.50	D	Run in hole to 3258m
19:00	19:15	0.25	D	Wash to bottom with 1.5m of fill
19:15	19:30	0.25	S	Rig service
19:30	0:00	4.50	D	Drill from 3270m to 3279m (bit break in)
0:00	0:15	0.25	S	Rig service
0:15	0:30	0.25	D	Survey with bit @ 3279m
0:30	4:45	4.25	D	Drill from 3279m to 3289m
4:45	5:15	0.50	D	Survey with bit @ 3289m
5:15	6:00	0.75	D	Drill form 3289m to 3292m
		24.00		

9 REMARKS

Hole drag: up 25daN, down 10 -15 daN
String weight - 123 daN
BOP function test - close annular (28sec), upper rams (10sec), lower rams(10sec) and open HCR (5sec) with 10500 kPa remaining on accumulator. Recharge time - 170sec
Function test same using air pump secondary backup
Conduct daily inspection
Tank farm area ready for C-Ring
Install more pre-fabs on rig tank (1 section remaining to install)
BJ delivers batch mixer

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS	-40	206
Bentonite	SXS		208
Poly Pac Reg	SXS		27
Caustic Soda	SXS	-1	52
X-cide 102	Pail		1
Defoamer X	Pail	-1	37
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Ketzan	SXS	-1	21
KCL	SXS		0
Poly Pac Ultar Low	SXS		34
Lignite	SXS		69
ID-Lube XL	SXS	-1	4
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Run in hole with Bit #7. Log gamma ray from 3080 - 3140m, drill from 3270 - 3292m

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3292	Lourdes	Limestone

13 WELL STATUS at 06:00

Drilling at 3292m

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination
Hunt	92 joints of 3 1/2" drill pipe	12:00		
Davis	BJ batch cement tank	11:00		
Densmor	Import Tools liner equipment	11:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Service Contractors:	8
TOTAL:	28

16 OPERATIONS PLANNED

Drill ahead from 3292m

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 2 DAYS
LAST LTA: 100 DAYS

18 COSTS

in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: 8c
WIND Speed: 11 km/hr Direction: SW Barometer (Mb):
Overcast

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-20	Days SinceSpud: 34	Report N°: 35
Current Depth: 3270m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3270m	F.I.T. at shoe: EMW : 1914	

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
Pulled	6	3108	48	19.50	2.4	162	55.50	215.9mm	Hughes	MX35C	547	r45db	3x20	3	2	BT	M	E	I	No	DMF
Ran	7	3270						215.9	Hughes	MX 30 G	537	RO2DF	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA: Bit #7/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.
215.9 mm Dog sub		
165 mm Mach 1XL	0.00	
172mm Nortach		

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1080.00
Dumped (m3)		YP	5.27
Form. Losses (m3)		PV	13.0
Surf. Losses (m3)		Gel10s	2.5
Solids (%)	.025	Gel10m	4.0
Oil (%)		Funnel	44
Water (%)	100.0	F/L tem	30
O/W ratio		pH	9.0
Filtrate API	1.0	Fluid los	9.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:45	0.75	D	Circulate and condition mud
6:45	18:00	11.25	D	Pull out of hole with Bit # 6 conducting flow checks
18:00	18:15	0.25	S	Rig service, function blind rams
18:15	20:45	2.50	D	Change out and service mud motor
20:45	22:30	1.75	D	Make up bit, pickup jars and run in hole with BHA
22:30	0:00	1.50	R	SCR failure - Repair
0:00	1:45	1.75	D	Run in hole to 1128m
1:45	2:15	0.50	D	Break circulation and check tool orientation
2:15	3:15	1.00	D	Slip and cut 27m of drill line
3:15	4:00	0.75	D	Install MWD shaft coder and calibrate
4:00	6:00	2.00	D	Run in hole to 2203m
		24.00		

9 REMARKS

Hole drag: up 20 - 27 daN, down 16 - 21 daN
Max pulled was 152 daN
String weight - 123 daN
Held BOP drills with both rig crews
Function test chimo choke, lower and upper pipe rams
Conduct daily inspection
Continue to excavate area for tank farm
Hole fill diference - 3.79m3
BJ delivers bulk cement

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		246
Bentonite	SXS	-20	208
Poly Pac Reg	SXS	-2	27
Caustic Soda	SXS	-3	53
X-cide 102	Pail		1
Defoamer X	Pail	-2	38
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-3	22
KCL	SXS		0
Poly Pac Ultar Low	SXS	-1	34
Lignite	SXS	-5	69
ID-Lube XL	SXS	-2	5
SAPP	SXS		10

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3270	Lourdes	Limestone

11 SUMMARY OF OPERATIONS

Pull out of hole with Bit #6, change out failed mud motor
Run in hole with Bit #7

13 WELL STATUS at 06:00

Trip in with Bit #7

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination
BJ	30 tonne of cement	11:00		

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Service Contractors:	8
TOTAL:	28

16 OPERATIONS PLANNED

Log from 3080 -3140m, trip to bottom and drill ahead

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 99 DAYS

18 COSTS

in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: 10c
WIND Speed: 6 km/hr Direction: S Barometer (Mb):
Sunny and clear

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-19	Days SinceSpud: 33	Report N°: 34
Current Depth: 3270m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm	Shoe: WINDOW 2339	Bottom hole: 215.9mm	Depth: 3270m	F.I.T. at shoe: EMW : 1914

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	6	3108	48	19.50	2.4	162	55.50
Slide							

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9mm	Hughes	MX35C	547	r45db	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17	26	1390	12800
27	motor	1390	12800

4 DRILL STRING ASSEMBLY

BHA: bit #6/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	15.12	3204.3	18.20	277.8
mwd	15.93	3223.4	18.90	277.4
mwd	16.64	3242.7	20.00	276.0
mwd	17.01	3252.3	20.30	276.7

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1080.00
Dumped (m3)		YP	5.27
Form. Losses (m3)		PV	13.00
Surf. Losses (m3)		Gel10s	3.0
Solids (%)	.020	Gel10m	5.0
Oil (%)		Funnel	44
Water (%)	100.0	F/L tem	33
O/W ratio		pH	10
Filtrate API	1.0	Fluid los	8.5
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:15	0.25	D	Drill from 3222m to 3222.5m
6:15	6:45	0.50	D	Survey with bit @ 3222.5m
6:45	10:00	3.25	D	Drill from 3222.5m to 3232m
10:00	10:15	0.25	D	Survey with bit @ 3232m
10:15	10:30	0.25	S	Rig service, function test lower pipe rams - 6sec to close
10:30	11:15	0.75	D	Slide 2m with 30 degrees left
11:15	14:15	3.00	D	Drill from 3234m to 3241m
14:15	14:30	0.25	S	Rig service, function test remote upper pipe rams - 6sec to close
14:30	15:00	0.50	D	Survey with bit @ 3241m
15:00	15:15	0.25	D	Work drill pipe
15:15	20:00	4.75	D	Drill from 3241m to 3251m @ 26 RPM and WOB @ 17 daN
20:00	20:15	0.25	D	Survey with bit at 3251m
20:15	23:30	3.25	D	Drill from 3251m to 3260m @ 27 RPM and WOB @ 17 daN
23:30	0:00	0.50	D	Survey with bit @ 3260m
0:00	4:15	4.25	D	Drill from 3260m to 3270.5m @ 29RPM and WOB @ 17 daN
4:15	4:30	0.25	D	Survey with bit @ 3270m
4:30	4:45	0.25	D	Begin 2m slide with 135 degrees left
4:45	5:30	0.75	D	Pump pressure increase - circulate and trouble shoot tools
5:30	6:00	0.50	D	Regain normal pump pressure - resurvey - begin slide - increased pump pressure with bit back on bottom
		24.00		

9 REMARKS

Measured depth of 3252.3m = TVD of 3206.55m
Hole drag: up 25 - 30 daN, down 15 - 18 daN
String weight - 123 daN
Rotary torque @ 46 to 50 %
Function test chimo choke, lower and upper pipe rams
Conduct daily inspection
Excavate area for tank farm

Constant increase in pump pressure over the last 12 hours

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		246
Bentonite	SXS	-30	228
Poly Pac Reg	SXS	-4	29
Caustic Soda	SXS	-4	56
X-cide 102	Pail		1
Defoamer X	Pail	-3	40
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-4	25
KCL	SXS		0
Poly Pac Ultar Low	SXS		35
Lignite	SXS	-10	74
ID-Lube XL	SXS	-3	7
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Drill and slide 67m from 3222m to 3270m with surveys @ each connection
Trouble shoot tool due to increased pump pressure

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3270	Lourdes	Limestone

13 WELL STATUS at 06:00

Circulate and condition mud

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Service Contractors:	8
TOTAL:	28

16 OPERATIONS PLANNED

Pull out of hole with Bit # 6 to change mud motor

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 1 DAYS
LAST LTA: 98 DAYS

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 3c

WIND Speed: 22 km/hr Direction: N Barometer (Mb):

over cast and cloudy

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-18	Days SinceSpud: 32	Report N°: 33
Current Depth: 3222m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm	Shoe: WINDOW 2339	Bottom hole: 215.9mm	Depth: 3222m	F.I.T. at shoe: EMW : 1914

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	6	3108	67	21.00	3.2	114	36.00
Slide							

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9mm	Hughes	MX35C	547	r45db	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17	26	1390	11000
27	motor	1390	11000

4 DRILL STRING ASSEMBLY

BHA: bit #6/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	12.56	3147.5	20.00	276.3
mwd	13.36	3166.6	19.20	278.1
mwd	14.25	3185.1	18.10	278.8
mwd	14.7	3194.7	18.20	278.5

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1075.00
Dumped (m3)		YP	4.79
Form. Losses (m3)		PV	13.0
Surf. Losses (m3)		Gel10s	3.0
Solids (%)	.010	Gel10m	5.0
Oil (%)		Funnel	45
Water (%)	100.0	F/L tem	33
O/W ratio		pH	9.5
Filtrate API	1.0	Fluid los	8.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:45	0.75	D	Drill from 3155m to 3156m
6:45	7:00	0.25	D	Survey with bit @ 3156m
7:00	10:15	3.25	D	Drill from 3156m to 3166m
10:15	10:45	0.50	D	Survey with bit @ 3166m
10:45	11:00	0.25	D	Slide 2m with 180 degrees and WOB @ 28 daN
11:00	13:15	2.25	D	Drill from 3168m to 3175m
13:15	13:45	0.50	D	Survey with bit @ 3175m
13:45	14:15	0.50	D	Slide 2m with 130 degrees left
14:15	16:15	2.00	D	Drill from 3178m to 3184m @ 26 RPM and WOB @18 daN
16:15	16:45	0.50	D	Survey with bit at 3184m
16:45	19:30	2.75	D	Drill from 3184m to 3194m @ 24RPM and WOB @ 18 daN
19:30	20:00	0.50	D	Survey with bit @ 3194m
20:00	20:30	0.50	D	Slide 2m with 70 degrees left and WOB @ 27 daN
20:30	23:00	2.50	D	Drill from 3196m to 3204m @ 28 RPM
23:00	23:15	0.25	D	Survey with bit @ 3204m
23:15	0:00	0.75	D	Slide 2m with 45 degrees left and WOB @ 24-27 daN
0:00	2:45	2.75	D	Drill from 3206m to 3213m
2:45	3:15	0.50	D	Survey with bit at 3213m
3:15	3:45	0.50	D	Slide 2m with 40 degrees left and WOB @ 27 daN
3:45	6:00	2.25	D	Drill from 3215m to 3222 m
		24.00		

9 REMARKS

Measured depth of 3194.7m = TVD of 3152.1m
Hole drag: up 25 daN, down 14 to 16 daN
String weight - 121 daN
No increase in penetration rate in Lourdes formation
Function test chimo choke
Conduct daily inspection
Rotary torque @ 46 to 50 %
Finished cleaning oil storage tanks
Installed prefabs on mud tanks

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		246
Bentonite	SXS	-20	258
Poly Pac Reg	SXS		33
Caustic Soda	SXS	-1	60
X-cide 102	Pail		1
Defoamer X	Pail		43
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	Pail		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-1	29
KCL	SXS		0
Poly Pac Ultar Low	SXS		35
Lignite	SXS		84
ID-Lube XL	SXS		10
SAPP	SXS		10

11 SUMMARY OF OPERATIONS

Drill and slide 67m from 3155m to 3222m with surveys @ each connection

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
3115	3222	Lourdes	Limestone

13 WELL STATUS at 06:00

Continue to drill ahead from 3222m

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Service Contractors:	8
TOTAL:	28

16 OPERATIONS PLANNED

Drill ahead for the next 24 hours

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 5
DAYS SINCE LAS 97

18 COSTS

in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: 7c
WIND Speed: 12 km/hr Direction: SE Barometer (Mb):
Clear with slight breeze

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-17	Days SinceSpud: 31	Report N°: 32
Current Depth: 3155m	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244mm Bottom hole: 215.9mm	Shoe: WINDOW 2339 Depth: 3155m	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
Drill	6	3108	47m	15.00	3.1	47	15.00
Slide							

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9mm	Hughes	MX35C	547	r45db	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17	20	1390	11000
27	motor	1390	11000

4 DRILL STRING ASSEMBLY

BHA: bit #6/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	10.7	3099.5	19.90	278.5
mwd	11.17	3109.1	19.40	278.5
mwd	11.6	3118.7	19.20	277.1
mwd	11.95	3128.3	~~19.20~~	~~275.6~~

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1070.00
Dumped (m3)		YP	3.83
Form. Losses (m3)		PV	12
Surf. Losses (m3)		Gel10s	2.0
Solids (%)	0.009	Gel10m	4.0
Oil (%)		Funnel	45
Water (%)		F/L tem	30
O/W ratio		pH	10
Filtrate API	1.0	Fluid los	8.5
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:15	2.25	D	Run in hole with Bit #6 to 1023m
8:15	8:45	0.50	D	Break circulation and check tool face direction
8:45	10:15	1.50	D	Run in hole with Bit # 6 to 2056m
10:15	10:30	0.25	D	Break circulation and check tool face direction
10:30	11:45	1.25	D	Run in hole to within 2 joint off bottom
11:45	12:00	0.25	D	Break circulation and wash 18m to bottom (1m of fill on bottom)
12:00	13:00	1.00	S	Slip and cut 42m of drill line
13:00	13:30	0.50	D	Wash back to bottom
13:30	20:15	6.75	D	~~Drill from 3108m~~ to 3127m
20:15	20:30	0.25	D	Survey with bit at 3127m
20:30	21:00	0.50	D	Slide 2m with 30 degrees left and WOB @ 27 daN
21:00	2:45	5.75	D	Drill from 3129m to 3146m
2:45	3:15	0.50	D	Survey with bit @ 3146m
3:15	4:00	0.75	D	Slide 2m with 30 degree right and WOB @ 24 daN
4:00	6:00	2.00	D	Drill from 3146m ~~to 3155m~~
		24.00		

9 REMARKS

Slip and cut 42m of drill line due to kink
Measured depth of 3128.3m = TVD of 3089.38
Hole drag: up 25 to 28 daN, down 14 to 18 daN
No increase in penetration rate in Lourdes formation
Function test chimo choke
Conduct daily inspection
Rotary torque @ 45 to 48 %
Continue to clean oil storage tanks and move

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS	-60	236
Bentonite	SXS	-7	343
Sodium Carbonate			
Caustic Soda	SXS	-1	64
X-cide 102	L		208
Defoamer X	ML		44
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-3	39
KCL	SXS		0
Poly Pac	SXS		75
AASDS	SXS		2
lignite	SXS		86
ID-Lube XL	SXS	-2	12

11 SUMMARY OF OPERATIONS

Tripped in hole with Bit #6 and washed to bottom
Drilled from 3108m to 3155m with MWD surveys

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3115	Winterhouse	shale sandstone siltstone
~~3115~~	~~3155~~	~~Lourdes~~	~~Limestone~~

13 WELL STATUS at 06:00

Continue to drill ahead from 3155m

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination
D&D	3-joint of 7" casing		16:00	Baker - St. John
ACME	Gamma-Ray tool	16:00		Baker - USA

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	8
TOTAL:	30

16 OPERATIONS PLANNED

Drill ahead

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 4
DAYS SINCE LAS 96

18 COSTS in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 8c

WIND Speed: 5km/hr Direction: NW Barometer (Mb):

Heavy rain over night

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-16	Days SinceSpud: 30	Report N°: 31
Current Depth: 3108	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM	Bottom hole: 215.9	Shoe: WINDOW 2339	Depth: 3108
					F.I.T. at shoe: EMW : 1914

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
dril	5	3085	23	5.75	4.0	219	67.50
slide							
RIH	6						

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9 #5	hughes	mxs40cg	627	mo3dk	3x20	1	3	BT	0	E	I	NO	HR
215.9	Hughes	mxs35cg	547		3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17-23	motor 20	1390	10200

4 DRILL STRING ASSEMBLY

BHA: bit #5/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m PULLED

BHA: bit #6/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	9.73	3080.4	19.80	278.1
mwd	10.2	3089.9	20.10	278.8
mwd	11.13	3108.9	19.90	278.5

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1060.00
Dumped (m3)		YP	4.31
Form. Losses (m3)		PV	12
Surf. Losses (m3)		Gel10s	2.0
Solids (%)	0.009	Gel10m	4.0
Oil (%)		Funnel	44
Water (%)		F/L tem	30
O/W ratio		pH	9
Filtrate API		Fluid los	7.0
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:15	0.25	D	Drilled from 3085m to 3089m
6:15	6:45	0.50	D	Survey @ 3080.4m
6:45	9:15	2.50	D	Drilled from 3089m to 3098m
9:15	9:45	0.50	D	Survey @ 3089.9m
9:45	12:45	3.00	D	Drilled from 3098m to 3108m, 67.5 rotating hours on bit #5
12:45	13:45	1.00	D	Circulate and condition hole
13:45	14:00	0.25	D	Survey @ 3108m
14:00	16:00	2.00	D	Pull out of hole with bit #5 into cased hole
16:00	21:00	5.00	R	Work on breakout cathead, air hose to low clutch and air leak to rotary drive
21:00	22:00	1.00	S	Slip and cut drill line
22:00	23:45	1.75	D	Continue to pull out of hole with bit conducting flow checks
23:45	0:00	0.25	S	Rig service and function test upper pipe rams
0:00	4:00	4.00	D	Finish pulling out of hole. Conduct flow check out of hole. Well static
4:00	5:30	1.50	D	Change out bit and service MWD tool
5:30	6:00	0.50	D	Start in hole with bit #6
		24.00		

9 REMARKS

Dog sub remains in gauge

TVD = 3070.2 @ 3108m MEASURED DEPTH.

Lost 3.8m of mud during trip out of hole (????)

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		296
Bentonite	SXS	-10	350
Sodium Carbonate			
Caustic Soda	SXS	+58	65
X-cide 102	L		208
Defoamer X	ML	+43	44
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Ketzan	SXS	-1	42
KCL	SXS		0
Poly Pac	SXS	+68	75
AASDS			2
lignite	sxs	65	86
ID lube		14	14

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3108	winterhouse	shale sandstone siltstone

11 SUMMARY OF OPERATIONS

Drilled from 3085- 3108m. / survey / rig service.

Pulled out of hole with bit #5

Start in hole with bit #6

13 WELL STATUS at 06:00

Run in hole with bit #6

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	8
TOTAL:	30

16 OPERATIONS PLANNED

Trip in with bit #6 and drill ahead

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 3

DAYS SINCE LAS 95

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 7c

WIND Speed: 14 km/hr Direction: N Barometer (Mb):

20 COMPANY REPRESENTATIVES

Brian Felske

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-15	Days SinceSpud: 29	Report N°: 30
Current Depth: 3085	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM Bottom hole: 215.9	Shoe: WINDOW 2339 Depth: 3085	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
dril slide	5	3085	65	21.00	2.1	196	61.75

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9 #5	hughes	mxs40cg	627	mo3dk	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17-23	motor 20	1390	10200

4 DRILL STRING ASSEMBLY

BHA: bit #5/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	6.56	3013.4	21.10	276.7
mwd	7.45	3032.5	20.00	279.2
mwd	8.41	3051.5	18.50	278.8
mwd	9.28	3070.8	19.30	277.8

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1065.00
Dumped (m3)		YP	4.31
Form. Losses (m3)		PV	13
Surf. Losses (m3)		Gel10s	2
Solids (%)	0.009	Gel10m	4
Oil (%)		Funnel	44
Water (%)		F/L tem	30
O/W ratio		pH	9
Filtrate API		Fluid los	8.5
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:30	0.50	D	Survey.
6:30	9:45	3.25	D	Drilled ahead from 3020 - 3031 m
9:45	10:00	0.25	D	Survey.
10:00	12:00	2.00	D	Drilled ahead from 3031 - 3039 m.
12:00	12:15	0.25	S	Rig service.
12:15	23:00	10.75	D	Drilled ahead from 3039 - 3076 m.
23:00	0:00	1.00	D	Survey.
0:00	2:00	2.00	D	Drilled ahead from 3076 - 3080 m.
2:00	2:30	0.50	D	Survey.
2:30	3:00	0.50	D	Circ'd & condition hole.
3:00	6:00	3.00	D	Drilled ahead from 3080 - 3085 m .
		24.00		

9 REMARKS

TVD = 3035.21 @ 3070.8 M. MEASURED DEPTH.

Received letter from simmons to allow max. pull. To 177,000 decanewtons.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		296
Bentonite	SXS	-10	350
Sodium Carbonate			
Caustic Soda	SXS	+58	65
X-cide 102	L		208
Defoamer X	ML	+43	44
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Ketzan	SXS	-1	42
KCL	SXS		0
Poly Pac	SXS	+68	75
AASDS			2
lignite	sxs	65	86
ID lube		14	14

11 SUMMARY OF OPERATIONS

Drilled from 3020- 3085 m. / survey / rig service.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
3020	3085	winterhouse	shale sandstone siltstone

13 WELL STATUS at 06:00

Drill ahead @ 3085 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	8
TOTAL:	30

16 OPERATIONS PLANNED

Drill ahead to 1100 hrs , poh w/ bit #5 due to hrs.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 2

DAYS SINCE LAS 94 93

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6.00 Temp: 9 deg

WIND Speed: 32 Knt Direction: nw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	[redacted]aP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-14	Days SinceSpud: 27	Report N°: 29
Current Depth: 3020	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM Bottom hole: 215.9	Shoe: WINDOW 2339 Depth: 3020		F.I.T. at shoe: EMW : 1914

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
dril slide	5	2948	72	20.50	3.5	131	40.75

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9 #5	hughes	mxs40cg	627	mo3dk	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
17-23	motor 20	1390	10200

4 DRILL STRING ASSEMBLY

BHA: bit #5/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA:

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	3.81	2947.3	19.00	274.6
mwd	4.37	2965.9	19.60	276.7
mwd	5.22	2984.6	20.50	277.8
mwd	5.68	2994.2	20.90	277.8

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1060.00
Dumped (m3)		YP	4.79
Form. Losses (m3)		PV	12
Surf. Losses (m3)		Gel10s	2
Solids (%)	0.009	Gel10m	4
Oil (%)		Funnel	43
Water (%)		F/L tem	30
O/W ratio		pH	8.8
Filtrate API		Fluid los	9.5
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:15	0.25	D	Survey.
6:15	11:15	5.00	D	Drilled ahead from 2948 - 2965 m
11:15	12:00	0.75	D	Survey.
12:00	12:15	0.25	S	Rig service.
12:15	22:30	10.25	D	Drilled ahead from 2965 - 3003 m.
22:30	0:00	1.50	D	Survey.
0:00	3:00	3.00	D	Drilled ahead from 3003 - 3012 m .
3:00	3:15	0.25	S	Rig service.
3:15	3:45	0.50	D	Survey.
3:45	6:00	2.25	D	Drilled ahead from 3012 - 3020 m.
		24.00		

9 REMARKS

TVD = 2963.19 @ 2994.2 M. MEASURED DEPTH.

Presently adding ID-LUBE XL in attempt to lower hole drag.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS	-10	296
Bentonite	SXS		360
Sodium Carbonate			
Caustic Soda	SXS	-1	7
X-cide 102	L		208
Defoamer X	ML		1
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		43
KCL	SXS		0
Poly Pac	SXS	-2	7
AASDS			2
lignite	sxs	-4	21

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2948	3020	winterhouse	shale sandstone siltstone

11 SUMMARY OF OPERATIONS

Drilled from 2948- 3020 m. / survey / rig service.

13 WELL STATUS at 06:00

Drill ahead @ 3020 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	8
TOTAL:	30

16 OPERATIONS PLANNED

Drill ahead.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 1

DAYS SINCE LAST LTA: 93

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 12 deg

WIND Speed: 11 Knt Direction: n Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-13	Days SinceSpud: 26	Report N°: 28
Current Depth: 2948	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM Bottom hole: 215.9	Shoe: WINDOW 2339 Depth: 2948		F.I.T. at shoe: EMW : 1914

1 PENETRATION / 2 BITS / DULL / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R	WOB daN	RPM	Flow l/mn	Pres. kPa
dril slide	5	2889	59	20.25	2.9	59	2.90	215.9 #5	hughes	mxs40cg	627	mo3dk	3x20									17-23	motor 20	1390	10200

4 DRILL STRING ASSEMBLY

BHA: bit #5/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	1.48	2880.6	21.00	273.9
mwd	1.95	2899.2	21.70	274.2
mwd	2.72	2918.5	21.90	278.1
mwd	3.18	2928.1	20.70	277.1

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1060.00
Dumped (m3)		YP	5.27
Form. Losses (m3)		PV	12
Surf. Losses (m3)		Gel10s	2
Solids (%)	0.008	Gel10m	4
Oil (%)		Funnel	44
Water (%)		F/L tem	28
O/W ratio		pH	9
Filtrate API		Fluid los	9.5
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	11:15	5.25	D	Drilled ahead 215.9 mm hole from 2889 - 2895 m.
11:15	11:30	0.25	S	Rig service.
11:30	12:00	0.50	D	Survey.
12:00	12:15	0.25	S	Rig service.
12:15	23:00	10.75	D	Drilled ahead 215.9 mm hole from 2895 - 2936 m.
23:00	0:00	1.00	D	Survey.
0:00	3:00	3.00	D	Drilled ahead from 2936 - 2946 m .
3:00	3:15	0.25	S	Rig service.
3:15	3:30	0.25	D	Survey.
3:30	4:45	1.25	R	Repair hydraulic brake system.
4:45	6:00	1.25	D	Drilled ahead from 2946 - 2948 m.
		24.00		

9 REMARKS

19.2 278

TVD = 2901 @ 2928.1 M. MEASURED DEPTH.

No spare motor on site will need one sent out asap.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS	-30	306
Bentonite	SXS		360
Sodium Carbonate			
Caustic Soda	SXS	-1	8
X-cide 102	L		208
Defoamer X	ML	-1	1
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		43
KCL	SXS		0
Poly Pac	SXS		9
AASDS			2
lignite	sxs		25

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2889	2948	winterhouse	shale sandstone siltstone

11 SUMMARY OF OPERATIONS

Drilled from 2889 - 2948 m. / survey / rig service.

repair rig.

13 WELL STATUS at 06:00

Drill ahead @ 2948 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	8
TOTAL:	30

16 OPERATIONS PLANNED

Drill ahead.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 0

DAYS SINCE LAST LTA: 92

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 9 deg

WIND Speed: 22 Knt Direction: e Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATIO ONSHORE DAILY DRILLING REPORT GARDEN HILL FIELD	Well : PaP#1,ST1 Current Depth: 2889	Rig : SIMMONS 31 Phase: RE-ENTRY since: AUG.17/01	Date : 01-Sep-12 Casing size: 244MM Bottom hole: 215.9	Days SinceSpud: 25 Shoe: WINDOW 2339 Depth: 2889	Report N°: 27 F.I.T. at shoe: EMW : 1914

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
drill								215.9 #5	hughes	mxs40cg	627	mo3dk	3x20								
slide	4	2879	10	3.00	3.3	150	49.25	215.9 #4	hughes	mxs40 cgdx	627	e91dm	3x20	2	3	bt	g	e	I	no	dmf

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
15-20	motor 20	1390	9500

4 DRILL STRING ASSEMBLY

BHA: bit #5/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA:

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	-2.09	2803.9	22.10	283.0
mwd	-0.61	2823	21.20	280.2
mwd	0.31	2842.3	19.80	275.7
mwd	0.93	2861.5	20.70	275.3

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1060.00
Dumped (m3)		YP	7.66
Form. Losses (m3)		PV	12
Surf. Losses (m3)		Gel10s	2
Solids (%)	0.008	Gel10m	4
Oil (%)		Funnel	46
Water (%)		F/L tem	28
O/W ratio		pH	9
Filtrate API		Fluid los	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:15	0.25	S	Rig service.
6:15	7:00	0.75	D	Survey.
7:00	10:00	3.00	D	Drilled ahead from 2879 - 2889 m. motor stalling.
10:00	10:15	0.25	D	Survey.
10:15	11:15	1.00	D	Circ'd up samples.
11:15	20:15	9.00	D	Poh w/ bit #4.
20:15	21:15	1.00	D	Found bit #4 to be in good condition, L/D mud motor.
21:15	21:30	0.25	S	Rig service.
21:30	22:30	1.00	R	Changed out air control & release valve for breakout tong.
22:30	5:00	6.50	D	M/U bit #5 on new mud motor & rih to 2879 m.
5:00	6:00	1.00	D	Washed to bottom @ 2889 m.
		24.00		

9 REMARKS

TVD = 2839 @ 2861.5 M. MEASURED DEPTH.

Hole in good condition . W/ no tight spots etc.

No spare motor on site will need one sent out asap.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS	-11	360
Sodium Carbonate			
Caustic Soda	SXS	-1	9
X-cide 102	L		208
Defoamer X	ML	-4	2
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		43
KCL	SXS		0
Poly Pac	SXS	-2	9
AASDS			2
lignite	sxs		25

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2779	2889	winterhouse	shale sandstone siltstone

11 SUMMARY OF OPERATIONS

Drilled from 2879 - 2889 m. / survey / rig service.

Poh w/ bit #4 & L/D bit #4 & mud motor / rih w/ bit #5 & new mud motor / washed to bottom @ 2889 m.

13 WELL STATUS at 06:00

Drill ahead @ 2889 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	8
TOTAL:	30

16 OPERATIONS PLANNED

Drill ahead.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 7

DAYS SINCE LAST LTA: 91

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 11 deg

WIND Speed: 19 Knt Direction: nw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	[redacted]aP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-11	Days SinceSpud: 24	Report N°: 26
Current Depth: 2879	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM	Bottom hole: 215.9	Shoe: WINDOW 2339	Depth: 2879
				F.I.T. at shoe: EMW : 1914	

1 PENETRATION / 2 BITS / DULL / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R	WOB daN	RPM	Flow l/mn	Pres. kPa
drill slide	4	2802	77	21.75	3.5	140	46.25	215.9 #4	hughes	mxs40 cgdx	627	e91dm	3x20									15-20	motor 20	1390	9500

4 DRILL STRING ASSEMBLY

BHA: bit #4/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	-2.09	2803.9	22.10	283.0
mwd	-0.61	2823	21.20	280.2
mwd	0.31	2842.3	19.80	275.7
mwd	0.93	2861.5	20.70	275.3

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1060.00
Dumped (m3)		YP	5.27
Form. Losses (m3)		PV	13
Surf. Losses (m3)		Gel10s	2
Solids (%)	0.008	Gel10m	4
Oil (%)		Funnel	46
Water (%)		F/L tem	28
O/W ratio		pH	8.5
Filtrate API		Fluid los	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	10:45	4.75	D	Drilled ahead from 2802 - 2817 m.
10:45	11:00	0.25	S	Rig service.
11:00	12:00	1.00	D	Survey.
12:00	12:15	0.25	S	Rig service.
12:15	23:15	11.00	D	Drilled ahead from 2817 - 2860 m
23:15	0:00	0.75	D	Survey.
0:00	6:00	6.00	D	Drilled ahead from 2860 - 2879 m.
		24.00		

9 REMARKS

TVD = 2839 @ 2861.5 M. MEASURED DEPTH.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		371
Sodium Carbonate			
Caustic Soda	SXS	-1	10
X-cide 102	L		208
Defoamer X	ML	-2	6
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		43
KCL	SXS		0
Poly Pac	SXS	-1	11
AASDS			2
lignite	sxs	-4	25

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2802	2879	winterhouse	shale sandstone siltstone

11 SUMMARY OF OPERATIONS

Drilled from 2802 - 2879 m. / survey / rig service.

13 WELL STATUS at 06:00

Drill ahead @ 2879 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	8
TOTAL:	30

16 OPERATIONS PLANNED

Drill ahead.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 6

DAYS SINCE LAST LTA: 90

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 16 deg

WIND Speed: 14 Knt Direction: sw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-10	Days SinceSpud: 23	Report N°: 25
Current Depth: 2802	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM Bottom hole: 215.9	Shoe: WINDOW 2339 Depth: 2802	F.I.T. at shoe: EMW : 1914	

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
dril slide	4	2746	56	21.50	2.6	63	24.50	215.9 #4	hughes	mxs40 cgdx	627	e91dm	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
15-20	motor 20	1390	9500

4 DRILL STRING ASSEMBLY

BHA: bit #4/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	-7.51	2737.2	22.20	283.0
mwd	-5.9	2756	20.70	284.4
mwd	-4.28	2775.1	19.40	283.7
mwd	-3.56	2784.6	20.00	282.3

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1060.00
Dumped (m3)		YP	6.22
Form. Losses (m3)		PV	15
Surf. Losses (m3)		Gel10s	2
Solids (%)	0.08	Gel10m	4
Oil (%)		Funnel	48
Water (%)		F/L tem	28
O/W ratio		pH	9
Filtrate API		Fluid los	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	10:30	4.50	D	Drilled ahead from 2746 - 2755 m
10:30	11:00	0.50	D	Survey.
11:00	12:00	1.00	D	Drilled ahead from 2755 - 2759 m.
12:00	12:15	0.25	S	Rig service.
12:15	23:15	11.00	D	Drilled ahead from 2759 - 2789 m
23:15	0:00	0.75	D	Survey.
0:00	5:00	5.00	D	Drilled ahead from 2789 - 2802 m.
5:00	5:45	0.75	D	Survey.
5:45	6:00	0.15	D	Rig service.
		24.00		

9 REMARKS

Hard drilling w/ intermitant shale breaks.
Sandstone & siltstone very cemented.
Strapped 177.8 mm csg liner.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		371
Sodium Carbonate			
Caustic Soda	SXS	+1	11
X-cide 102	L		208
Defoamer X	ML		8
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	5	43
KCL	SXS		0
Poly Pac	SXS	+7	12
AASDS			2
lignite	sxs	-4	29

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2746	2802	winterhouse	shale sandstone siltstone

11 SUMMARY OF OPERATIONS

Drilled from 2746 - 2802 m. / survey / rig service.

13 WELL STATUS at 06:00

Drill ahead @ 2802 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	8
TOTAL:	30

16 OPERATIONS PLANNED

Drill ahead.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 5

DAYS SINCE LAST LTA: 89

18 COSTS

in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: 17 deg

WIND Speed: 11 Knt Direction: se Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.	CANADIAN IMPERIAL VENTURE CORPORATIO	Well : [redacted]#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-09	Days SinceSpud: 2	Report N°: 24
	ONSHORE DAILY DRILLING REPORT	Current Depth: 2746	Phase: RE-ENTRY	Casing size: 244MM	Shoe: WINDOW 2339	F.I.T. at shoe:
	GARDEN HILL FIELD		since: AUG.17/01	Bottom hole: 215.9	Depth: 2746	EMW : 1914

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
drill	3	2655	84	21.45	3.9	196	53.00
slide	4	2739	7	3.00	2.3	7	3.00

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9 #3	hughes	mxs35cg	547	d24de	3x20	3	5	bt	g	e	I	wt	hr
215.9 #4	hughes	mxs40 cgdx	627	e91dm	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
15-20	motor 20	1390	8600

4 DRILL STRING ASSEMBLY

BHA: bit #4/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	-11.91	2661.4	17.70	274.9
mwd	-11.12	2689.3	18.10	278.8
mwd	-9.1	2718.2	20.80	283.7

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1055.00
Dumped (m3)		YP	7.18
Form. Losses (m3)		PV	16
Surf. Losses (m3)		Gel10s	2
Solids (%)	0.008	Gel10m	4
Oil (%)		Funnel	48
Water (%)		F/L tem	24
O/W ratio		pH	8.5
Filtrate API		Fluid los	8
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:00	1.00	D	Circ'd up samples.
7:00	9:30	2.50	D	Poh to 1800 m w/ bit #3.
9:30	9:45	0.25	S	Rig service.
9:45	12:15	2.50	D	Cont'd poh w/ bit #3 to 600 m.
12:15	17:00	4.75	D	Retrieved wear bushing, Set test plug & rigged up bj services, press. Tested 127mm pipe rams x 2, & annular preventer in accordance w/ department of mines & energy compliance, Retrieved test plug , Re-installed wear bushing.
17:00	19:30	2.50	D	Cont"d poh w/ bit #3 due to hrs.
19:30	22:15	2.75	D	M/U BHA w/ bit #4 & new motor,
22:15	22:30	0.25	S	Rig service.
22:30	0:00	1.50	S	Slip & cut drill line.
0:00	2:45	2.75	D	Rih w/ bit # 4,
2:45	3:00	0.25	D	Washed to bottom.
3:00	6:00	3.00	D	Drilled ahead from 2739 - 2746 m.
		24.00		

9 REMARKS

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		371
Sodium Carbonate			
Caustic Soda	SXS	-1	10
X-cide 102	L		208
Defoamer X	ML		8
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		37
KCL	SXS		0
Poly Pac	SXS	-2	5
AASDS			2
lignite	sxs	-4	29

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2739	2746	winterhouse	shale sandstone siltstone

11 SUMMARY OF OPERATIONS

Circ"d up samples, poh w/ bit #3 for hrs / press. Test bop / slip & cut drill line / rih w/ bit #4 / washed to bottom / drilled from 2739 - 2746 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	8
TOTAL:	30

13 WELL STATUS at 06:00

Drill ahead @ 2746 m.

16 OPERATIONS PLANNED

Drill ahead.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 4

DAYS SINCE LAST LTA: 88

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 17 deg

WIND Speed: 5 Knt Direction: sw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-08	Days SinceSpud: 21	Report N°: 23
Current Depth: 2739	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM Bottom hole: 215.9	Shoe: WINDOW 2339 Depth: 2739	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
dril slide	3	2655	84	21.45	3.9	196	52.70

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9 #3	hughes	mxs35cp	547	d24de	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
15-20	motor 20	1390	8600

4 DRILL STRING ASSEMBLY

BHA: bit #2/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	-11.91	2661.4	17.70	274.9
mwd	-11.12	2689.3	18.10	278.8
mwd	-9.1	2718.2	20.80	283.7

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1065.00
Dumped (m3)		YP	8.62
Form. Losses (m3)		PV	16
Surf. Losses (m3)		Gel10s	2.5
Solids (%)	0.005	Gel10m	4
Oil (%)		Funnel	57
Water (%)		F/L tem	27
O/W ratio		pH	9
Filtrate API		Fluid los	9
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	11:30	5.50	D	Drilled ahead from 2655 - 2679 m.
11:30	12:00	0.50	D	Survey.
12:00	12:15	0.25	S	Rig service.
12:15	23:00	10.75	D	Drilled ahead from 2679 - 2720 m.
23:00	0:00	1.00	D	Survey.
0:00	5:30	5.50	D	Drilled ahead from 2720 - 2739 m.
5:30	6:00	0.50	D	Survey.
		24.00		

9 REMARKS

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		371
Sodium Carbonate			
Caustic Soda	SXS		11
X-cide 102	L		208
Defoamer X	ML		8
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		37
KCL	SXS		0
Poly Pac	SXS	-2	7
AASDS			2
lignite	sxs	-3	33

11 SUMMARY OF OPERATIONS

Drilled from 2655 - 2739 m. / survey

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2655	2739	winterhouse	shale sandstone siltstone

13 WELL STATUS at 06:00

circulate up samples

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	8
TOTAL:	30

16 OPERATIONS PLANNED

poh to 1800 m / press test bop elements / cont poh for bit change due to hrs / rih w/ bit #4 / drill ahead @ 2739 m.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 3

DAYS SINCE LAST LTA: 87

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 14 deg

WIND Speed: 19 Knt Direction: sw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-07	Days SinceSpud:	20	Report N°: 22
Current Depth: 2655	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM Bottom hole: 215.9	Shoe: WINDOW 2339 Depth: 2655	F.I.T. at shoe: EMW : 1914		

1 PENETRATION / 2 BITS / DULL / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R	WOB daN	RPM	Flow l/mn	Pres. kPa
dril	3	2575	80	21.75	3.7	112	31.25	215.9 #3	hughes	mxs35cg	547	d24de	3x20									15	motor	1294	7600
slide																							20		

4 DRILL STRING ASSEMBLY

BHA: bit #2/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	-17.17	2557.3	15.10	282.3
mwd	-15.72	2585.8	14.20	280.2
mwd	-14.38	2613.9	16.20	281.3
mwd	-13.25	2633.1	17.50	282.0

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1075.00
Dumped (m3)		YP	7.18
Form. Losses (m3)		PV	14
Surf. Losses (m3)		Gel10s	3
Solids (%)	0.01	Gel10m	5
Oil (%)		Funnel	53
Water (%)		F/L tem	28
O/W ratio		pH	8.5
Filtrate API		Fluid los	7
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	11:30	5.50	D	Drilled ahead from 2575 - 2594 m.
11:30	12:00	0.50	D	Survey.
12:00	12:15	0.25	S	Rig service.
12:15	23:00	10.75	D	Drilled ahead from 2594 - 2634 m.
23:00	0:00	1.00	D	Survey.
0:00	5:30	5.50	D	Drilled ahead from 2634 - 2655 m.
5:30	6:00	0.50	D	Survey.
		24.00		

9 REMARKS

Note; weight creeping up in mud as we can not run proper screens on shaker
shaker is totally worn out & needs replacing as soon as possible.
weight indicator not working properly.
presently using data log information for weight on bit.
no auto driller on rig as of yet.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		371
Sodium Carbonate			
Caustic Soda	SXS	-2	11
X-cide 102	L		208
Defoamer X	ML		8
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS	-1	37
KCL	SXS		0
Poly Pac	SXS		9
AASDS			2
lignite	sxs		36

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2575	2655	winterhouse	grey crystalline dolomite shale

11 SUMMARY OF OPERATIONS

Drilled from 2575 - 2655 m. / survey

13 WELL STATUS at 06:00

Drill ahead @ 2655 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	8
TOTAL:	30

16 OPERATIONS PLANNED

DRILL AHEAD.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 2

DAYS SINCE LAST LTA: 86

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 8 deg

WIND Speed: 19 Knt Direction: n Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-06	Days SinceSpud: 19	Report N°: 21
Current Depth: 2575	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM	Shoe: WINDOW 2339	Bottom hole: 215.9	Depth: 2575	F.I.T. at shoe: EMW : 1914

1 PENETRATION / 2 BITS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
dril	3	2543	32	9.50	3.4	32	9.50	215.9 #3	hughes	mxs35cg	547	d24de	3x20								
slide								215.9 #2	hughes	xs30gd	537	h14dr	3x20	5	8	wt	a	3	2	fc	pr

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
15	motor 20	1294	7600

4 DRILL STRING ASSEMBLY

BHA: bit #2/ dog sub /216 mm mach 1xl @ 1.3 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	-18.42	2528.6	14.40	277.1
mwd	-17.17	2557.3	15.10	282.3

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1060.00
Dumped (m3)		YP	6.22
Form. Losses (m3)		PV	13
Surf. Losses (m3)		Gel10s	2
Solids (%)	0.05	Gel10m	5
Oil (%)		Funnel	48
Water (%)		F/L tem	22
O/W ratio		pH	7.5
Filtrate API		Fluid los	8
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	13:00	7.00	D	Cont'd poh for bit change.
13:00	16:00	3.00	D	Rih w/ 215.9 mm bit # 3 on directional assy. To 800 m.
16:00	16:15	0.25	S	Rig service.
16:15	16:30	0.25	D	Break circulation.
16:30	19:30	3.00	D	Cont'd rih w/ 215.9 mm bit # 3 on directional assy. To 2531 m.
19:30	20:00	0.50	D	Washed & reamed to bottom.
20:00	5:30	9.50	D	Drilled ahead from 2543 - 2575 m.
5:30	6:00	0.50	D	Survey.
		24.00		

9 REMARKS

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		371
Sodium Carbonate			
Caustic Soda	SXS	-1	13
X-cide 102	L		208
Defoamer X	ML		8
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		38
KCL	SXS		0
Poly Pac	SXS	-6	9
AASDS			2
lignite	sxs	-12	36

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2543	2575	winterhouse	grey crystalline dolomite
			shale

11 SUMMARY OF OPERATIONS

Poh w/ bit #2/ rih w/ bit #3 / washed & reamed 12 m to bottom / drilled from 2543 - 2575m.

Survey

13 WELL STATUS at 06:00

Drill ahead @ 2575 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	5
TOTAL:	27

16 OPERATIONS PLANNED

DRILL AHEAD.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 1

DAYS SINCE LAST LTA: 85

18 COSTS

in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: 9 deg

WIND Speed: 38 Knt Direction: nw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-05	Days SinceSpud:	18	Report N°: 20
Current Depth: 2543	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM Bottom hole: 215.9	Shoe: WINDOW 2339 Depth: 2543	F.I.T. at shoe: EMW : 1914		

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
drill slide	2	2488	55	18.50	3.0	182	50.75

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9 #2	hughes	xs30gd	537	h14dr	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
14	motor 20	1294	7600

4 DRILL STRING ASSEMBLY

BHA: bit #2/ dog sub /216 mm mach 1xl @ 1.5 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA:

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	-19.13	2481.5	15.10	268.6
mwd	-19.04	2500.3	15.20	273.2
mwd	-18.67	2519.5	14.80	275.6

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1060.00
Dumped (m3)		YP	7.66
Form. Losses (m3)		PV	15
Surf. Losses (m3)		Gel10s	1.5
Solids (%)	0.038	Gel10m	5
Oil (%)		Funnel	49
Water (%)		F/L tem	24
O/W ratio		pH	9
Filtrate API		Fluid los	9.6
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:30	0.50	D	Drilled ahead from 2488 - 2490 m.
6:30	6:45	0.25	D	Survey.
6:45	7:00	0.25	S	Rig service.
7:00	11:00	4.00	D	Drilled ahead from 2490 - 2502 m
11:00	11:30	0.50	D	Clean suction tank screens.
11:30	12:00	0.50	D	Survey.
12:00	17:00	5.00	D	Drilled ahead from 2502 - 2518 m.
17:00	17:30	0.50	D	Survey.
17:30	17:45	0.25	S	Rig service.
17:45	23:45	6.00	D	Drilled ahead from 2518 - 2537 m
23:45	0:00	0.25	D	Survey.
0:00	3:00	3.00	D	Drilled ahead from 2537 - 2543 m
3:00	4:00	1.00	D	Circ'd up samples.
4:00	4:15	0.25	S	Rig service.
4:15	6:00	1.75	D	Poh for bit change.
		24.00		

9 REMARKS

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS	-14	371
Sodium Carbonate			
Caustic Soda	SXS		14
X-cide 102	L		208
Defoamer X	ML		8
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		38
KCL	SXS		0
Poly Pac	SXS	-3	15
AASDS			2
lignite	sxs		48

11 SUMMARY OF OPERATIONS

drilled & slide from 2488 - 2543 m.

Survey / poh w/ 215.9 mm directional assy.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2488	2543	winterhouse	grey crystalline dolomite shale coal stringers

13 WELL STATUS at 06:00

Cont poh w/ directional assy for 215.9mm bit change.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	5
TOTAL:	27

16 OPERATIONS PLANNED

Bit change & Cont drill ahead @ 2543m.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 0

DAYS SINCE LAST LTA: 84

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 16 deg

WIND Speed: 15 km Direction: e Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-04	Days SinceSpud.	17	Report N°: 19
Current Depth: 2488	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM Bottom hole: 215.9	Shoe: WINDOW 2339 Depth: 2488	F.I.T. at shoe: EMW : 1914		

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
drill slide	2	2398	90	22.50	4.0	127	32.25

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9 #2	hughes	xs30gd	537	h14dr	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
14	motor 20	1294	7600

4 DRILL STRING ASSEMBLY

BHA: bit #2/ dog sub /216 mm mach 1xl @ 1.5 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	-20.43	2396.5	8.80	282.7
mwd	-19.73	2414.9	8.90	284.4
mwd	-19.08	2433.8	10.50	277.4
mwd	-18.91	2462.3	14.20	268.3

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1050.0
Dumped (m3)		YP	6.22
Form. Losses (m3)		PV	14
Surf. Losses (m3)		Gel10s	1
Solids (%)	0.026	Gel10m	3
Oil (%)		Funnel	48
Water (%)		F/L tem	20
O/W ratio		pH	9
Filtrate API		Fluid los	10
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	7:30	1.50	D	Drilled ahead from 2398 - 2408 m.
7:30	7:45	0.25	D	Survey.
7:45	11:45	4.00	D	Drilled ahead from 2408 - 2424 m.
11:45	12:00	0.25	D	Survey.
12:00	21:00	9.00	D	Drilled ahead from 2424 - 2461 m.
21:00	21:30	0.50	D	Survey.
21:30	21:45	0.25	S	Rig service.
21:45	0:00	2.25	D	Drilled ahead from 2461 - 2471 m.
0:00	0:15	0.25	D	BOP drill . Well secured 1min 40 secs.
0:15	6:00	5.75	D	Drilled from 2471 - 2488 m.
		24.00		

9 REMARKS

penetration rate slowing down .
attempting to control dog legs starting to push off . Over deviate.
geology coming different than on original well.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		385
Sodium Carbonate			
Caustic Soda	SXS		14
X-cide 102	L		208
Defoamer X	ML		8
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		1
Kelzan	SXS		2
KCL	SXS		0
Poly Pac	SXS	-2	18
AASDS			
lignite	sxs	-4	4

11 SUMMARY OF OPERATIONS

drilled & slide from 2398 - 2488 m.
Survey

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2398	2488	winterhouse	grey crystalline dolomite shale coal stringers

13 WELL STATUS at 06:00

drill ahead @ 2488 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	5
TOTAL:	27

16 OPERATIONS PLANNED

cont drill ahead.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 5
DAYS SINCE LAST LTA: 83

18 COSTS

in CAN$

DAILY: (dry well)
CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: 11 deg
WIND Speed: 9 km Direction: sw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-03	Days SinceSpud: 16	Report N°: 18
Current Depth: 2398	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM Bottom hole: 215.9	Shoe: WINDOW 2339 Depth: 2398	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
drill	2	2361	37	9.75	3.8	56	34.25
slide							

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9 #1	hughes	mx-lr 20ddt	517	m21df	3x20	3	3	wt	g	e	I	wt	bha
215.9 #2	hughes	xs30gd	537	h14dr	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
14	motor 20	1294	7600

4 DRILL STRING ASSEMBLY

BHA: bit #2/ dog sub /216 mm mach 1xl @ 1.5 deg motor /notrak stabilizer / N.M.D.C. /hang off sub / N.M.D.C. /x/o / 6-DC / x/o / jars / x/o /9- DC /x/o / 9- HWDP/ LENGTH=264.29 m

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
mwd	-21.27	2367.8	8.30	276.7
mwd	-21.05	2375.32	8.60	281.9

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1040.00
Dumped (m3)		YP	4.31
Form. Losses (m3)		PV	9
Surf. Losses (m3)		Gel10s	1
Solids (%)	0.026	Gel10m	3
Oil (%)		Funnel	40
Water (%)		F/L tem	18
O/W ratio		pH	9.5
Filtrate API		Fluid los	10
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	8:30	2.50	D	Cont'd poh w/ 215.9 mm direct. Drilling assy for BHA change to include MWD.
8:30	8:45	0.25	S	Rig service.
8:45	9:15	0.50	R	Change out pump on hydraulic brakes.
9:15	13:00	3.75	D	M/U BHA w/ MWD equipt.
13:00	14:00	1.00	S	Slip & cut drill line.
14:00	18:00	4.00	D	Rih w/ 215.9 mm directional assy.
18:00	19:30	1.50	D	Washed to bottom w/ no problems.
19:30	23:30	4.00	D	Drilled ahead from 2361 - 2376 m.
23:30	23:45	0.25	D	Survey.
23:45	0:00	0.25	S	Rig service.
0:00	0:15	0.25	S	Function pipe rams. 5 seconds closure.
0:15	6:00	5.75	D	Drilled ahead from 2376 - 2398 m.
		24.00		

9 REMARKS

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		385
Sodium Carbonate			
Caustic Soda	SXS		14
X-cide 102	L		208
Defoamer X	ML		8
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		38
KCL	SXS		0
Poly Pac	SXS	-2	20
AASDS			2
lignite	sxs	-4	52

11 SUMMARY OF OPERATIONS

Cont'd poh to change bha to include mwd / m/u mwd & rih w/ bit #2 / wash to bottom / drilled & slide from 2361 - 2398 m.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2361	2398	winterhouse	grey crystalline dolomite

13 WELL STATUS at 06:00

drill ahead @ 2398 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	13
TOTAL:	35

16 OPERATIONS PLANNED

cont drill ahead.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 4

DAYS SINCE LAST LTA: 82

18 COSTS

in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 6:00 Temp: 11 deg

WIND Speed: 9 km Direction: sw Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-02	Days SinceSpud: 15	Report N°: 17
Current Depth: 2361	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM	Bottom hole: 215.9	Shoe: WINDOW 2339 Depth: 2361	F.I.T. at shoe: EMW : 1914

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
time drill	1	2347	14	11.00	1.3	19	24.50

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R
215.9	hughes	mx-ir 20ddt	517	m21df	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa
2-5	motor	1294	7600

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.
gyro	-21.77	2345.2	3.30	273.1
gyro	-21.76	-21.76	4.30	273.5

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1040.00
Dumped (m3)		YP	5.75
Form. Losses (m3)		PV	11
Surf. Losses (m3)		Gel10s	1
Solids (%)		Gel10m	3
Oil (%)		Funnel	44
Water (%)		F/L temp	
O/W ratio		pH	9.5
Filtrate API		Fluid los	10
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:15	0.25	D	Rig service.
6:15	8:30	2.25	D	Take single shot.
8:30	11:30	2.00	D	Timed drilled 215.9 mm hole from 2347 - 2350 mkb.
11:30	12:00	0.50	D	Take single shot.
12:00	20:00	8.00	D	Timed drilled 215.9 mm hole from 2350 - 2361 mkb.
20:00	21:30	1.50	D	Take single shot.
21:30	22:15	0.75	D	Circ'd up samples.
22:15	22:30	0.25	D	Rig service.
22:30	0:00	0.50	D	Rigged out baker atlas & gyro data.
0:00	6:00	6.00	D	Poh w/ 215.9 mm direct. Drilling assy for BHA change to include MWD.
		24.00		

9 REMARKS

Note: Simmons was asked in june to install auto digger on rig.
this type of drilling we will lose 10 - 20% penetration.
every 100 hrs drilling time we will lose approx. 10- 20 hrs $20,000 - 40,000

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		385
Sodium Carbonate			
Caustic Soda	SXS	-1	14
X-cide 102	L		208
Defoamer X	ML	-1	8
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		38
KCL	SXS		0
Poly Pac	SXS	-2	22
AASDS			2
lignite	sxs	-4	56

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2347	2361	winterhouse	grey crystalline dolomite

11 SUMMARY OF OPERATIONS

Surveyed & timed drilled from 2347 - 2361 mkb. / poh

13 WELL STATUS at 06:00

M/U MWD tools.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	19
TOTAL:	41

16 OPERATIONS PLANNED

Rih w/ BHA #2 / drill ahead @ 2361 m.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 3

DAYS SINCE LAST LTA: 81

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 13 deg

WIND Speed: 20 mph Direction: western Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	[redacted]aP#1,ST1	Rig : SIMMONS 31	Date : 01-Sep-01	Days SinceSpud: 14	Report N°: 16
Current Depth: 2342	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM Bottom hole: 215.9	Shoe: WINDOW 2339 Depth: 2347		F.I.T. at shoe: EMW : 1914

1 PENETRATION / 2 BITS / 3 PARAMETERS

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours	Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R	WOB daN	RPM	Flow l/mn	Pres. kPa
drilling	1	2342	5	13.50	0.4			215.9	hughes	mx-lr 20ddt	517	m21df	3x20												

4 DRILL STRING ASSEMBLY

BHA	bit/ mach 1xl @ 1.5 deg / u.b.h.o. sub / 9 - h.w.d.p. / x/o / 6 - d.c. / x/o / jars / x/o / 9 - d.c. /x/o .
BHA	

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1050.00
Dumped (m3)		YP	4.31
Form. Losses (m3)		PV	13
Surf. Losses (m3)		Gel10s	1
Solids (%)		Gel10m	3
Oil (%)		Funnel	43
Water (%)		F/L temp	
O/W ratio		pH	9.5
Filtrate API		Fluid los	10.4
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
6:00	6:30	0.50	SF	Gyro shorted out while rih. Unable to fire up.
6:30	11:00	4.50	D	Reamed rat hole from 2339 - 2342 m.
11:00	12:00	1.00	D	Take single shot.
12:00	18.00	6.00	D	Timed drilled 215.9 mm hole from 2342 - 2344 mkb.
18:00	22:30	4.50	D	Take single shot. Replace seals & rubbers in pack off head.
22:30	6:00	7.50	D	Cont'd time drill 215.9 mm hole to 2347 mkb.
		24.00		

9 REMARKS

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		385
Sodium Carbonate			
Caustic Soda	SXS		15
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		38
KCL	SXS		0
Poly Pac	SXS	-1	24
AASDS			2

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2342	2347	winterhouse	grey crystalline dolomite

11 SUMMARY OF OPERATIONS

Reamed rat hole , timed drilled from 2342 - 2347 m & take single shot surveys.

13 WELL STATUS at 06:00

Time drilling @ 2347 m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	19
TOTAL:	41

16 OPERATIONS PLANNED

Cont time drill 215.9 mm hole, drillahead.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 2

DAYS SINCE LAST LTA: 80

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 6:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1 ST1	Rig : SIMMONS 31	Date : 01-Aug-31	Days SinceSpud: 13	Report N°: 16
Current Depth: 2342	Phase: RE-ENTRY since: AUG.17/01	Casing size: 244MM Bottom hole: 215.9	Shoe: LT 2360 Depth: 3505.2	F.I.T. at shoe: EMW : 1914	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours
drilling	1	2342					

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. T	O	D	L	OTHERS B	G	O	R
215.9	hughes	mx-1r 20dd	517	m21df	3x20								

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA: bit/ mach 1rd @ 1.5 deg / u.b.h.o. sub / 9 - h.w.d.p. / x/o / 6 - d.c. / x/o / jars / x/o / 9 - d.c. /x/o .

BHA:

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel/Chem

Mixed (m3)		Den	1060.00
Dumped (m3)		YP	4.31
Form. Losses (m3)		PV	9
Surf. Losses (m3)		Gel10s	1
Solids (%)		Gel10m	2
Oil (%)		Funnel	39
Water (%)		F/L temp	
O/W ratio		pH	9.5
Filtrate API		Fluid loss	10.4
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	07:30	1.50	D	Continued to circ hole clean
07:30	09:30	2.00	D	Rigged up B.J. Carried out leak off test @ 244.5 mm window .
				Pressured up to 14 mpa surface pressure w/ no leak off. EMW = 1914 KG/M3
09:30	15:15	5.75	D	Poh w/ window milling assy. To BHA.
15:15	15:30	0.25	S	Rig service.
15:30	16:00	0.50	D	L/D window milling assy. Checked mill guages ok.
16:00	21:45	5.75	D	M/U 215.9 mm directional assy. & rih to 2323 m.
21:45	22:00	0.25	D	Break circulation.
22:00	00:00	2.00	D	Rigged up Baker Atlas c/w Gyrodata circ head. Rih w/ gyro.
00:00	06:00	6.00	SF	Gyro shorted out while rih. Unable to fire up.
		24.00		

9 REMARKS

Mill anchor assy. From top of ML packer @ 2347 mkb wire line depth.

1. Milling anchor x 2.91 m slung into ML torquemaster pbr w/ 0.25 m stick up @ 2346.75 mkb. Note: c/w debris catcher.
2. 158.7 mm x 0.49 m debris excluder sub @ 2346.26 mkb.
3. 158.7 mm x 0.83 m shear sub disconnect @ 2345.43 mkb. 36,000 daN shear
4. 158.7 mm x 1.96 m unloader sub @ 2343.45 mkb.
5. 158.7 mm x 0.49 m excluder sub @ 2342.96 mkb.
6. 6.5 m whipstock spoon @ 2338.46 mkb.

top of window @ 2334.08 m. measured depth

bottom of window @ 2338.98 m. measured depth

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		385
Sodium Carbonate			
Caustic Soda	SXS	-5	15
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		58
Drill Thin	SXS		50
Soda ash	SXS		11
Keizan	SXS		38
KCL	SXS		0
Poly Pac	SXS	-4	25
AASDS			2

11 SUMMARY OF OPERATIONS

circ hole clean./ carried out lk off test / poh L/D window milling assy / rih w/ 215.9 mm dirctional assy. / run gyro shorted out attempted to re-start w/ no success.

12 BASIC GEOLOGY

From	To	Formation	Rock Type
2339	2342	winterhouse	grey crystalline dolomite

13 WELL STATUS at 06:00

Reaming rat hole @2339-2342 m. w/ single shot.

14 FREIGHT ARRIVAL & DEPARTURE

HAULER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	19
TOTAL:	41

16 OPERATIONS PLANNED

Ream rat hole / time drill ahead w/ single shot.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 1

DAYS SINCE LAST LTA: 79

18 COSTS in CANS

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

Note:

Reports change from Workover phase description to Re-entry

Well: PAP #1 Sidetrack 1.

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1.ST1	Rig : SIMMONS 31	Date : 01-Aug-30	Days SinceSpud: 12	Report N°: 14
Current Depth: 2342	Phase: WORKOVER since: AUG.17/01	Casing size: 244MM	Shoe: LT 2360	F.I.T. at shoe:	
		Bottom hole: 215.9	Depth: 3505.2	EMW :	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL. Mtrs	CUMUL. Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	G	R

3 PARAMETERS

WOB daN	RPM	Flow lpm	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA: Milling anchor/excluder sub/shear disconnect/unloader sub/excluder sub/whip stock/window mill/lower string mill/ upper string mill/ 9-jts HWDP/15- jts DC.

BHA:

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: GelChem

Mixed (m3)		Den	1015.00
Dumped (m3)		YP	3.83
Form. Losses (m3)		PV	12
Surf. Losses (m3)		Gel10s	
Solids (%)		Gel10m	
Oil (%)		Funnel	43
Water (%)		F/L tem	20
O/W ratio		pH	9.5
Filtrate API		Fluid los	10
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	08:00	2.00	D	Continued rih w/ whip stock assy. Orientated to 278 deg. To 1500m.
08:00	09:00	1.00	D	Pressure tested 127 mm pipe rams to 1.4/21 mpa 15 mins.
09:00	09:15	0.25	D	BOP drill.
09:15	10:30	1.25	D	Continued rih w/ whip stock assy to 2000 m.
10:30	12:00	1.50	R	Set up brakes on draw works.
12:00	12:30	0.50	D	Continued rih w/ whipstock assy. To 2343 m.
12:30	13:00	1.00	D	Set whip stock assembly & sheared off.
13:00	05:30	16.50	D	Milled 216 mm window from 2334 - 2342 mkb.
05:30	06:00	0.50	D	Circulated hole clean.
		24.00		

9 REMARKS

Built up mud system while milling window.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS	-55	385
Sodium Carbonate			
Caustic Soda	SXS	-1	20
X-cide 102	L		208
Defoamer K	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		58
Drill Thin	SXS		50
Soda ash	SXS		11
Ketzan	SXS	-6	38
KCL	SXS		0
Poly Pac	SXS	-6	29
AASDS			2

11 SUMMARY OF OPERATIONS

Cont'd rih w/ whipstock assy. Orientated to 278 deg to 2343 / sheared off / milled window in 244.5 mm csg. circ hole clean.

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 06:00

Cont circ hole clean

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	20
Catering:	0
Service Contractors:	19
TOTAL:	41

16 OPERATIONS PLANNED

Cont circ hole clean / carry out leak off test / pch w/ milling assy / m/u & rih w/ 215.9 mm directional drilling assy.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 0

DAYS SINCE LAST LTA: 77

18 COSTS in CANS

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaPe1 ST1	Rig : SIMMONS 31	Date : 01-Aug-29	Days SinceSpud: 11	Report N°: 13
Current Depth: 3605	Phase: WORKOVER since: AUG.17/01	Casing size: 244MM Bottom hole: 194MM	Shoe: LT 2360 Depth: 3505.2	F.I.T. at shoe: EMW :	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA: Milling anchor/excluder sub/shear disconnect/unloader sub/excluder sub/whip stock/window millflower string mill/ upper string mill/ 9-jts HWDP/15- jts DC.

BHA:

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: water

Mixed (m3)		Den	1000.00
Dumped (m3)		YP	
Form. Losses (m3)	1560	PV	
Surf. Losses (m3)		Gel10s	
Solids (%)		Gel10m	
Oil (%)		Funnel Vis	
Water (%)		F/L temp	
O/W ratio		pH	
Filtrate API			
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
08:00	08:30	0.50	D	Continued rih w/ 244.5 mm ML packer assy to 2347 m. measured depth.
08:30	10:15	3.75	D	Rigged up Baker Atlas & run gr-ccl & logged ML packer into position. (0.61 m correction.)
10:15	13:30	3.25	D	Set 244.5 mm baker ML packer @ 2347 mkb. Press. Tested to 21 mpa via annulus.
13:30	14:00	0.50	D	Reverse circulated drillpipe to clean setting tool (pulled wet.)
14:00	14:15	0.25	S	Rig service.
14:15	21:15	7.00	D	Poh & laid down setting assy.
21:15	00:15	3.00	D	Rigged up Baker Atlas & run Gyro-survey to check ML packer orientation profile.
00:15	00:30	0.25	S	Rig service.
00:30	01:30	1.00	D	Removed 73 mm pipe rams & installed 127 mm pipe rams.
01:30	06:00	4.50	D	M/U & rih with whip stock assy. Orientated to 278 deg. To 1000m.
		24.00		

9 REMARKS

10 PRODUCTS

	Unit	In (+)/ Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS		21
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		59
Lime	SXS		15
Drilling det.	P/AL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		44
KCL	SXS		0
Poly Pac	SXS		35
AASDS			2

12 BASIC GEOLOGY

From	To	Formation	Rock Type

11 SUMMARY OF OPERATIONS

Cont'd rih w/ ML pkr / logged on depth/ set @ 2347 mkb / poh w/ setting assy./ run gyro-survey / change pipe rams/ m/u & rih w/ whip stock assy. Orientated to 278 deg.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

16 PERSONNEL

Company:	2
Drilling Contractor:	18
Catering:	0
Service Contractors:	14
TOTAL:	34

13 WELL STATUS at 06:00

Press. Test 127 mm pipe rams.

16 OPERATIONS PLANNED

Cont. rih w/ whipstock assy. / latch into ML pkr / cut window in 244.5 mm csg @ 278 deg.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 6

DAYS SINCE LAST LTA: 76

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1.ST1	Rig : SIMMONS 31	Date : 01-Aug-28	Days SinceSpud: 10	Report N°: 12
Current Depth: 3505	Phase: WORKOVER since: AUG.17/01	Casing size: 244MM Bottom hole: 194MM	Shoe: LT 2360 Depth: 3505.2	F.I.T. at shoe: EMW :	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA

DULL

CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: water

Mixed (m3)		Den	1000.00
Dumped (m3)		YP	
Form. Losses (m3)	1340	PV	
Surf. Losses (m3)		Gel10s	
Solids (%)		Gel10m	
Oil (%)		Funnel Vis	
Water (%)		F/L temp	
O/W ratio		pH	
Filtrate API			
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
08:00	08:15	2.25	D	Cont'd poh w/ 244.5 mm csg scraper assy & L/D same.
08:15	16:30	8.25	D	Rigged up Baker Atlas & run SBT log from 2400 - 2000 mkb.
16:30	20:00	3.50	D	M/U & rih w/ 244.5 mm ML packer on drillpipe to 400 m.
20:00	20:15	0.25	S	Rig service.
20:15	22:00	1.75	D	Cont'd rih w/ 244.5 ML packer assy. To 600 m.
22:00	00:00	2.00	R	Worked on to repair brake system on drawworks.
00:00	00:15	0.25	S	Rig service.
00:15	06:00	5.75	D	Cont'd rih w/ 244.5 ML packer assy. To 2300 m.
		24.00		

9 REMARKS

Losses @ 10 m3/hr

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS		21
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling del.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		44
KCL	SXS		0
Poly Pac	SXS		35
AASDS			2

11 SUMMARY OF OPERATIONS

Cont'd poh l/d 244.5 mm csg scraper assy/ Run SBT log from 2400-2000 mkb./ rih w/ 244.5 mm ML pkr assy.

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 06:00

Log ML pkr assy into position

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	14
TOTAL:	34

16 OPERATIONS PLANNED

Log ML pkr assy. Into position/ set pkr/poh w/ setting tool assy./run gyro

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 5

DAYS SINCE LAST LTA: 75

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1 ST1	Rig : SIMMONS 31	Date : 01-Aug-27	Days SinceSpud: 9	Report N°: 11
Current Depth: 3505	Phase: WORKOVER since: AUG.17/01	Casing size: 244MM	Shoe: LT 2360	F.I.T. at shoe:	
		Bottom hole: 194MM	Depth: 3505.2	EMW :	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Hrs	Hours	R.O.P. m/h	CUMUL Hrs	Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA

DULL

CUT. STRUCT. I	O	B	L	OTHERS B	G	D	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA: 215.9 mm tapered mill, 244.5 mm scraper, x/o, 127 mm string mill, drilling jar,x/o, 15 - 165.1 mm D.C.,

BHA:

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: water

Mixed (m3)		Den	1000.00
Dumped (m3)		YP	
Form. Losses (m3)	1100	PV	
Surf. Losses (m3)		Gel10s	
Solids (%)		Gel10m	
Oil (%)		Funnel Vis	
Water (%)		F/L temp	
O/W ratio		pH	
Filtrate API			
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
08:00	12:00	6.00	D	Poh w/ 193.6 MM WR bridge plug.
12:00	14:00	2.00	D	L/D 21 jts 73mm tbg & WR bridge plug.
14:00	17:45	3.75	D	M/U 244.5 mm csg scraper assy.
17:45	20:00	2.25	D	Rih w/ 244.5 mm csg scraper to 1120 m.
20:00	20:15	0.25	S	Rig service.
20:15	20:30	0.25	D	Cont'd rih w/ 244.5 mm csg scraper.
20:30	22:00	1.50	R	Unspool piled up drilline on drum.
22:00	00:00	2.00	D	Cont'd rih w/ 244.5 mm csg scraper 193.6 mm liner top @ 2358 m.
00:00	00:15	0.25	S	Rig service.
00:15	01:00	0.75	D	Circ'd down drillpipe to ensure clean.
01:00	08:00	5.00	D	Poh w/ 244.5 mm csg scraper to 200 m.
		24.00		

9 REMARKS

Losses @ 10 m3/hr

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS		21
X-side 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Kelzan	SXS		44
KCL	SXS		0
Poly Pac	SXS		35
AASDS			2

11 SUMMARY OF OPERATIONS

Poh w/ WR plug, rih w/ 244.5 mm csg scraper to 193.6 mm liner top, circ'd drillpipe clean, poh w/ 244.5 mm csg scraper to 200m.

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 08:00

L/D csg scraper assy.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	14
TOTAL:	34

16 OPERATIONS PLANNED

L/D csg scraper assy, run SBT log, run ML plg assy.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 4

DAYS SINCE LAST LTA: 74

18 COSTS in CANS

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 08:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

01/22/1994 20:02 /09-/39-6605 IMPERIAL PAGE 03

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1.ST1	Rig : SIMMONS 31	Date : 01-Aug-26	Days SinceSpud: 8	Report N°: 10
Current Depth: 3505	Phase: WORKOVER	since: AUG.17/01	Casing size: 244MM	Shoe: LT 2360	F.I.T. at shoe:
			Bottom hole: 194MM	Depth: 3505.2	EMW :

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS / DULL

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	CUT. STRUCT. I	CUT. STRUCT. O	CUT. STRUCT. D	CUT. STRUCT. L	OTHERS B	OTHERS G	OTHERS O	OTHERS R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	l/ins	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: water

Mixed (m3)		Den	1000.00
Dumped (m3)		YP	
Form. Losses (m3)	960	PV	
Surf. Losses (m3)		Gel10s	
Solids (%)		Gel10m	
Oil (%)		Funnel Vis	
Water (%)		F/L temp	
O/W ratio		pH	
Filtrate API			
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	11:30	5.50	D	Re-installed BOP w/ 279.4 mm x 339.7mm x 70 mpa x 35 mpa DSA
11:30	12:00	0.50	D	Press. Tested BOP 1.4/21 MPA.
12:00	13:30	1.50	D	Retrieved 244.5 mm inflateable packer. From 90 m.
13:30	14:00	0.50	D	Installed wear bushing
14:00	00:00	10.00	D	Rih w/ WR plug retrieving tool p/u 127mm drill pipe.
00:00	00:15	0.25	S	Rig service.
00:15	02:15	2.00	D	Cont'd rih w/ WR plug retrieving tool p/u 127mm drill pipe to 2453 m.
02:15	05:30	3.25	D	Pickled 127 mm drill pipe w/ caustic sweep. Reversed out.
05:30	06:00	0.50	D	Cont'd rih & engueged 193.6 mm WR plug @ 2500 m.
		24.00		

9 REMARKS

all drill pipe strapped in hole & drilled.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS	-2	23
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Ketzan	SXS	-1	45
KCL	SXS		0
Poly Pac	SXS		35
AASDS			2

11 SUMMARY OF OPERATIONS

N/u bop / press tested same/ retrieved inflate pkr/ rih w/ retrieving tool/ pickled drillpipe/ engueged WR plug

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 06:00

Poh w/ WR plug

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination
eddy	179.4 mm x 65mm x 70 mpa wellhead			
	279.4 mm x 179.4 mm x 70 mpa tbg head		aug 25	cameron halifax

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	12
TOTAL:	32

16 OPERATIONS PLANNED

Cont poh w/ WR plug / rih w/ 244.5 mm csg scraper to liner top @ 2360 mkb. / runSBTlog

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 3

DAYS SINCE LAST LTA: 73

18 COSTS

in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (kPa)

20 COMPANY REPRESENTATIVES

C.PETERSON

01/11/1994 02:31 709-739-6800 IMPERIAL PAGE 02

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP=1.ST1	Rig : SIMMONS 31	Date : 01-Aug-25	Days SinceSpud: 7	Report N°: 9
Current Depth: 3605	Phase: WORKOVER since: AUG.17/01		Casing size: 244MM	Shoe: LT 2360	F.I.T. at shoe:
			Bottom hole: 194MM	Depth: 3505.2	EMW :

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL. Mtrs	CUMUL. Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	DULL OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: water

Mixed (m3)		Den	1000.00
Dumped (m3)		YP	
Form. Losses (m3)	860	PV	
Surf. Losses (m3)		Gel10s	
Solids (%)		Gel10m	
Oil (%)		Funnel Vis	
Water (%)		F/L temp	
O/W ratio		pH	
Filtrate API			
Filtrate HPHT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	17:00	11.00	SF	Cont. w/o baker atlas.
17:00	20:30	3.50	D	Run with a wireline set, retrievable plug w/ Baker Atlas & set in 193.6 mm liner @ 2500 mkb. Poh & rigged out Baker Atlas.
20:30	21:00	0.50	D	Press.tested WR plug to 14 mpa w/ BJ 15 mins.
21:00	22:30	1.50	D	Rih w/ Baker inflatable packer to 90 m.
22:30	23:00	0.50	D	Pressure tested 244.5mm inflatable packer to 7 mpa.
23:00	00:00	1.00	D	Released from packer & poh.
00:00	04:00	4.00	D	Nippled down bop & lifr same, removed 179.4 mm x 279.4 mm x 70 mpa tubing head.
04:00	06:00	2.00	D	Re-installed BOP w/ 279.4 mm x 339.7mm x 70 mpa x 35 mpa double studded adapter.
		24.00		

9 REMARKS

Baker atlas waiting on charges to set WR plug.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS		23
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Ketzan	SXS		46
KCL	SXS		0
Poly Pac	SXS		35
AASDS			2

12 BASIC GEOLOGY

From	To	Formation	Rock Type

11 SUMMARY OF OPERATIONS

W/O baker atlas/ set WR plug @ 2500 mkb/ press.test same 14 mpa/ set 244.5 mm inflate pkr @ 90 m/ removed 179.4mm tbg head/ re-install bop .

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	9
TOTAL:	29

13 WELL STATUS at 06:00

n/u bop

16 OPERATIONS PLANNED

n/u bop/ Press.test bop/ retrieve 244.5 mm pkr/ rih to retrieve WR plug @ 2500 mkb.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 2

DAYS SINCE LAST LTA: 72

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

rain

20 COMPANY REPRESENTATIVES

C.PETERSON

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CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1,ST1	Rig : SIMMONS 31	Date : 01-Aug-24	Days SinceSpud:	6	Report N°:	8
Current Depth: 3505		Phase: WORKOVER since: AUG.17/01	Casing size: 244MM Bottom hole: 194MM	Shoe: Depth:	LT 2360 3505.2	F.I.T. at shoe: EMW :	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	Hours	R.O.P. m/h	CUMUL Mtrs	Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow lmm	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: water

Mixed (m3)		Den	1000.00
Dumped (m3)		YP	
Form. Losses (m3)	740	PV	
Surf. Losses (m3)		Gel10s	
Solids (%)		Gel10m	
Oil (%)		Funnel Vis	
Water (%)		FL temp	
O/W ratio		pH	
Filtrate API			
Filtrate HP/HT			

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
08:00	08:30	0.50	D	Poh lid 73mm,11.75/9.67 kg/m,L-80,bts tbg, (331 JTS)
08:30	08:45	0.25	S	Rig service
08:45	07:30	0.75	D	Cont'd poh w/ 7 stands 73 mm ,9.67kg/m,L-80 tbg.
07:30	09:00	1.50	D	Recovered 193.5mm Guiberson pkr & tail assy. 100%, L/D same.
09:00	12:30	3.50	SF	W/O baker atlas.
12:30	17:30	5.00	D	Rigged up baker atlas, run 165.1mm guage ring to 2560 mkb,
17:30	08:00	12.50	SF	W/O baker atlas.
		24.00		

9 REMARKS

Guiberson pkr was in very good condition.
Baker atlas did not have press. control equipt on location.
Had to re-head into thru tbg lubricator to run guage ring.
Baker atlas waiting on charges to set WR plug
Present static losses @ 10 m3/hr

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS		23
X-side 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		16
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Ketzan	SXS		45
KCL	SXS		0
Poly Pac	SXS		35
AASDS			2

11 SUMMARY OF OPERATIONS

Cont poh w/ 73mm tbg L/D pkr assy, run guage ring to 2560 mkb, w/o baker atlas.

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 08:00

W/O baker atlas.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	9
TOTAL:	29

16 OPERATIONS PLANNED

w/o baker atlas, run & set WR plug, set inflatable pkr,remove 7 1/16 tbg head

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS: 1

DAYS SINCE LAST LTA: 71

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 08:00 Temp: 10 deg

WIND Speed light Direction: western Barometer (Mb):

rain

20 COMPANY REPRESENTATIVES

C.PETERSON

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CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP=1.ST1	Rig : SIMMONS 31	Date : 01-Aug-23	Days SinceSpud: 5	Report N°: 7
Current Depth: 3505	Phase: WORKOVER since: AUG.17/01	Casing size: 244MM	Shoe: LT 2360	F.I.T. at shoe: EMW :	
		Bottom hole: 194MM	Depth: 3505.2		

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	Hours	R.O.P. m/h	CUMUL Mtrs	Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. 1	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)	0	Den	1000.00
Dumped (m3)	0	YP	
Form. Losses (m3)	300	PV	
Surf. Losses (m3)	0	Gel10s	
Solids (%)		Gel10m	
Oil (%)	0	Funnel Vis	
Water (%)		F/L temp	
O/W ratio		pH	
Filtrate API			
Filtrate HP/HT	0		

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	11:00	4.00	D	Cont'd jar tbg bridge plug, pulled free, poh & recovered tbg bridge plug 100%, rigged out Baker Atlas.
11:00	11:30	0.50	D	SITP-7000 KPA. Killed tbg w/ 10 m3 2% kcl water.
11:30	12:30	1.00	D	Engaged 73mm tbg string, unset 193.6mm Guiberson uni-6 pkr.
12:30	13:00	0.50	D	Pulled 4 jts to ensure pkr pulling fre.
13:00	13:30	0.50	D	Attempted to circ. W/ 30 m3 2% kcl water, no success. Continued to feed water to well while pulling tubing
13:30	06:00	17.50	D	POH, and laid down 73mm,11.75/9.67 kg/m,L-80,8TS tubing
		24.00		

9 REMARKS

TBG bridge plug recovered 100%.

Appears tbg bridge plug did not deflate 100%.

Guiberson pkr unset w/ no problems

Pumped down csg steady to control well.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS		23
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Ketzan	SXS		45
KCL	SXS	-70	0
Poly Pac	SXS		35
AASDS			2

11 SUMMARY OF OPERATIONS

Recovered tbg bridge plug, killed well, released pkr, poh L/D 73 mm tbg

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 06:00

L/D guiberson pkr.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	9
TOTAL:	29

16 OPERATIONS PLANNED

run guage ring, set WR plug in liner, set inflate in csg @ 100m.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS:

DAYS SINCE LAST LTA: 70

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

rain

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1 ST1	Rig : SIMMONS 31	Date : 01-Aug-22	Days SinceSpud: 4	Report N°: 6
Current Depth: 3505	Phase: WORKOVER since: AUG.17/01	Casing size: 244MM Bottom hole: 194MM	Shoe: LT 2508.5 Depth: 3505.2	F.I.T. at shoe: EMW :	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	Hours	R.O.P. m/h	CUMUL Mtrs	Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)	40	Den	1080.00
Dumped (m3)	0	YP	
Form. Losses (m3)	10	PV	
Surf. Losses (m3)	0	Gel10s	
Solids (%)		Gel10m	
Oil (%)	0	Funnel Vis	
Water (%)		F/L temp	
O/W ratio		pH	
Filtrate API			
Filtrate HP/HT	0		

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	10:30	4.50	D	Press. Tested 127 mm pipe rams to 1.5/31MPA & annular to 1.4/15.5 MPA, check & function test accumulator, 5 sec. Close time on rams.
10:30	12:00	1.50	D	Cameron retrieved TWCV.
12:00	06:00	18.00	D	Rigged up baker Atlas, rih & engauged tbg bridge plug @ 95.4 MKB. Released tbg bridge plug, pulled to 18 m & stuck.
		24.00		

9 REMARKS

Difficulty in press testing due to leaks.

TBG bridge plug has been difficult to pull. Worked /sheared off /jarred several times to reach 18 m.

Methanol was lubricated in case of possible hydrate in tbg.

SITP - 7000 KPA.

10 PRODUCTS

	Unit	In [+] / Used [-]	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS		23
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		11
Ketzan	SXS		45
KCL	SXS	-28	70
Poly Pac	SXS		35
AASDS			2

11 SUMMARY OF OPERATIONS

Press. test bop components/ retrieved TWCV/ attempt to pull tbg plug.

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 06:00

attempting to jar tbg plug free @ 18m.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	9
TOTAL:	29

16 OPERATIONS PLANNED

cont to attempt to jar tbg plug free

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS:

DAYS SINCE LAST LTA: 69

18 COSTS

in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER

Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

rain

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1 ST1	Rig : SIMMONS 31	Date : 01-Aug-21	Days SinceSpud: 2	Report N°: 5
Current Depth: 3505	Phase: WORKOVER since: AUG.17/01	Casing size: 244MM Bottom hole: 194MM	Shoe: LT 2508.5 Depth: 3505.2	F.I.T. at shoe: EMW :	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mins	OPERATION Hours	R.O.P. m/h	CUMUL Mins	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mn	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)	40	Den	1090.00
Dumped (m3)	0	YP	
Form. Losses (m3)	10	PV	
Surf. Losses (m3)	0	Gel10s	
Solids (%)		Gel10m	
Oil (%)	0	Funnel Vis	
Water (%)		Filt. temp	
O/W ratio		pH	
Filtrate API			
Filtrate HP/HT	0		

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	15:45	9.75	D	Cont'd n/u BOP.
15:45	16:00	0.25	D	Safety meeting.
16:00	06:00	14.00	D	Press. Tested kill lines, HCR,blind rams,73mm pipe rams,127 mm pipe rams each to 1.5/31 mpa 15 mins each.
		24.00		

9 REMARKS

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS		23
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		58
Drill Thin	SXS		50
Soda ash	SXS		11
Keltran	SXS		45
KCL	SXS	-26	70
Poly Pac	SXS		35
AASOS			2

11 SUMMARY OF OPERATIONS

Cont'd n/u bop, press. test bop components.

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 06:00

Press.test annular preventer.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	9
TOTAL:	29

16 OPERATIONS PLANNED

Press.test BOP/Pull tbg bridge plug/Release Guiberson pkr.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS:

DAYS SINCE LAST LTA: 68

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

clear

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO

ONSHORE DAILY DRILLING REPORT

GARDEN HILL FIELD

Well :	PaP#1	Rig : SIMMONS 31	Date : 01-Aug-20	Days SinceSpud: 2	Report N°: 4
Current Depth: 3505	Phase: WORKOVER since: AUG.17/01	Casing size: 244MM	Shoe: LT 2508.6	F.I.T. at shoe:	
		Bottom hole: 194MM	Depth: 3505.2	EMW :	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	Hours	R.O.P. m/h	CUMUL Mtrs	Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)	40	Den	1090.00
Dumped (m3)	0	YP	
Form. Losses (m3)	10	PV	
Surf. Losses (m3)	0	Gel10s	
Solids (%)		Gel10m	
Oil (%)	0	Funnel Vis	
Water (%)		F/L temp	
O/W ratio		pH	
Filtrate API			
Filtrate HPHT	0		

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
06:00	07:00	1.00	D	Cont'd w/o BJ pumper.
07:00	09:30	1.50	D	Bleed pressure of wellhead in daylight.
09:30	09:45	1.25	D	Killed tbg w/ 40L methanol ahead & 10 M3 1090 kg/m3 brine water. Pushed any blockage in tbg to bottom. Tbg on vac.
09:45	12:00	2.25	D	Baker atlas ran tbg bridge plug. Set same @ 95.4 MKB. Poh & L/D baker atlas tools.
12:00	12:30	0.50	D	Press. Tested tbg bridge plug w/ BJ pumper to 10 MPA.
12:30	13:30	1.00	D	Re-installed TWCV in tbg hanger .
13:30	06:00	16.50	D	Checked SICP-0. N/D wellhead. Press.tested all valves in manifold shack 1.5/31 MPA each 15 mins. N/u bop.
		24.00		

9 REMARKS

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SKS		336
Bentonite	SKS		440
Sodium Carbonate			
Caustic Soda	SKS		23
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SKS		50
Primaseal	SKS		60
Lime	SKS		15
Drilling det.	PAIL		10
Calcium Chloride	SKS		56
Drill Thin	SKS		50
Soda ash	SKS		11
Kelzan	SKS		45
KCL	SKS	-28	70
Poly Pac	SKS		35
AASDS			2

11 SUMMARY OF OPERATIONS

Killed well/set tbg plug @ 95.4 m./well secure/n/d wellhead/n/u bop

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 06:00

Cont N/U BOP

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	9
TOTAL:	29

16 OPERATIONS PLANNED

Cont N/U BOP/Press.test BOP/Pull tbg bridge plug/Release Guiberson pkr.

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS:

DAYS SINCE LAST LTA: 67

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

rain

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well :	PaP#1	Rig : SIMMONS 31	Date : 01-Aug-19	Days SinceSpud: 1	Report N°: 3
Current Depth: 3505	Phase: WORKOVER since: AUG.17/01	Casing size: 244MM Bottom hole: 194MM	Shoe: LT 2508.5 Depth: 3505.2	F.I.T. at shoe: EMW :	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA

DULL

CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE:	Gel / Chem		
Mixed (m3)		Den	
Dumped (m3)	0	YP	
Form. Losses (m3)	0	PV	
Surf. Losses (m3)	0	Gel10s	
Solids (%)		Gel10m	
Oil (%)	0	Funnel Vis	
Water (%)		F/L temp	
O/W ratio		pH	
Filtrate API			
Filtrate HP/HT	0		

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
08:00	15:45	9.45	D	Cont'd reaming rat hole,
15:45	16:00	0.15	S	Rig service
16:00	17:45	1.45	D	Cameron retrieved TWCV from tbg hanger. (SITP 15000 KPA)
17:45	00:00	6.15	SF	Rigged up baker atlas & w/o x/o for tbg bridge plug.
00:00	03:00	3.00	D	Baker atlas attempted to run tbg bridge plug. Unable to run grease injector.. (possible hydrate @ surface)
03:00	06:00	3.00	D	W/O BJ pumper to kill well.
		24.00		

9 REMARKS

SAFETY MEETING HELD W/ ALL PERSONAL ON LOCATION PRIOR TO PULLING TWCV.

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS		23
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		
Kelzan	SXS		
KCL	SXS	-104	96
Poly Pac	SXS		35
AASDS			2

11 SUMMARY OF OPERATIONS

reamed rat hole/ retrieved twcv/ rigged up baker atlas/ attempted to run bridge plug w/ no success

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 06:00

rig in BJ pumper

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	9
TOTAL:	28

16 OPERATIONS PLANNED

kill well / run tbg bridge plug/ re-install twcv/ n/d wellhead

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS:

DAYS SINCE LAST LTA: 66

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

foggy

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well :	PaP#1	Rig : SIMMONS 31	Date : 01-Aug-18	Days SinceSpud: 0	Report N°: 2]
Current Depth: 3505	Phase: WORKOVER since: AUG.17/01	Casing size: 244MM Bottom hole: 194MM	Shoe: LT 2508.5 Depth: 3505.2	F.I.T. at shoe: EMW :	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA

DULL

CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/mm	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)		Den	
Dumped (m3)	0	YP	
Form. Losses (m3)	0	PV	
Surf. Losses (m3)	0	Gel10s	
Solids (%)		Gel10m	
Oil (%)	0	Funnel Vis	
Water (%)		F/L temp	
O/W ratio		pH	
Filtrate API			
Filtrate HP/HT	0		

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
08:00	11:00	5.00	D	Prepare skidding jacks.
11:00	17:00	6.00	D	Skidded rig to PaP #1 (held safety meeting)
17:00	06:00	11.00	D	Drilled rat hole. Reaming rat hole stuffing boulders.
		24.00		

9 REMARKS

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS		23
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		
Kelzan	SXS		
KCL	SXS		200
Poly Pac	SXS		35
AASDS			2

11 SUMMARY OF OPERATIONS

skidded to PaP #1 / drilling rat hole

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 06:00

reaming rat hole

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	7
TOTAL:	27

16 OPERATIONS PLANNED

pull twcv / run bridge plug in tbg to 100m .

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS:

DAYS SINCE LAST LTA: 65

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 10 deg

WIND Speed: light Direction: western Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

CANADIAN IMPERIAL VENTURE CORP.

CANADIAN IMPERIAL VENTURE CORPORATIO
ONSHORE DAILY DRILLING REPORT
GARDEN HILL FIELD

Well : PaP#1	Rig : SIMMONS 31	Date : 01-Aug-17	Days SinceSpud: 0	Report N°: 1	
Current Depth: 3505	Phase: WORKOVER since: AUG.17/01	Casing size: 244MM Bottom hole: 194MM	Shoe: LT 2506.6 Depth: 3505.2	F.I.T. at shoe: EMW :	

1 PENETRATION

Type Oper.	RUN N°	DEPTH Start	OPERATION Mtrs	OPERATION Hours	R.O.P. m/h	CUMUL Mtrs	CUMUL Hours

2 BITS

Diameter	BIT Maker	BIT Type	IADC Code	Serial N°	Jets or TFA	DULL CUT. STRUCT. I	O	D	L	OTHERS B	G	O	R

3 PARAMETERS

WOB daN	RPM	Flow l/min	Pres. kPa

4 DRILL STRING ASSEMBLY

BHA

BHA

5 DOWN HOLE TOOLS

Diam. + Type	Hrs	Cum.

6 DEVIATION SURVEYS

Type	N°	Depth	Inc.	Az.

7 MUD

TYPE: Gel / Chem

Mixed (m3)		Den	
Dumped (m3)	0	YP	
Form. Losses (m3)	0	PV	
Surf. Losses (m3)	0	Gel10s	
Solids (%)		Gel10m	
Oil (%)	0	Funnel Vis	
Water (%)		F/L temp	
O/W ratio		pH	
Filtrate API			
Filtrate HP/HT	0		

8 OPERATIONS & TIME ANALYSIS:

FROM	TO	HOURS	CODE	DESCRIPTION
00:00	06:00	6.00	D	PREPARE FOR SKIDDING OPERATIONS TO PaP #1 FROM PaP #2.
		6.00		

9 REMARKS

10 PRODUCTS

	Unit	In (+) / Used (-)	Stock
Barite	SXS		336
Bentonite	SXS		440
Sodium Carbonate			
Caustic Soda	SXS		23
X-cide 102	L		208
Defoamer X	ML		9
Sawdust	SXS		50
Primaseal	SXS		60
Lime	SXS		15
Drilling det.	PAIL		10
Calcium Chloride	SXS		56
Drill Thin	SXS		50
Soda ash	SXS		
Kelzan	SXS		
KCL	SXS		200
Poly Pac	SXS		35
AASDS			2

11 SUMMARY OF OPERATIONS

Prepare to skid to PAP #1

12 BASIC GEOLOGY

From	To	Formation	Rock Type

13 WELL STATUS at 06:00

Prepare skidding jacks.

14 FREIGHT ARRIVAL & DEPARTURE

HAULIER	FREIGHT	Arrival	Depart.	Destination

15 PERSONNEL

Company:	2
Drilling Contractors:	18
Catering:	0
Service Contractors:	7
TOTAL:	27

16 OPERATIONS PLANNED

Skid to PAP #1

Next casing point: 0 m Well TD: 0 m

17 SAFETY

DRILLS:

DAYS SINCE LAST LTA: 64

18 COSTS in CAN$

DAILY: (dry well)

CUMULATIVE: 0.0% of AFE

19 WEATHER Time of Survey: 06:00 Temp: 4 deg Visibilit overcast

WIND Speed: light Direction: western Barometer (Mb):

20 COMPANY REPRESENTATIVES

C.PETERSON

APPENDIX B:

Reservoir Quality Evaluation Report

Barclay Rock Research Inc.

RMRI FILE NO 0182/025 COPY
10.4

Port au Port #1 - ST1

West Newfoundland

Reservoir Quality Evaluation

Ray Mireault

Fekete Associates Inc.
Calgary, Alberta Canada
December 2001

Cautions and Disclaimer —Please Read—

Cautions: Several of the techniques that may be used in this report are new or are not commonly in use or have specific problems. For example, (1) The Resident Fluid Analysis technique is relatively new, and may not be entirely reliable, particularly in very fine-grained reservoirs with earthy porosity. (2) The dark field viewing technique for fossil and textural analysis is new but has been shown to work with many different rocks. (3) Sneider Rock Typing was developed for siliciclastic rocks. I have adapted if for carbonate rocks. (4) The determination of quantitative reservoir parameters has problems in that percentages of recovered drill cuttings and percentages of porosity and permeability are treated as being representative of in-situ rock volume and rock thickness. This is assumed to be the case, but has not been shown or proven. (5) The reservoir values and/or calculations presented herein are based entirely on visual estimates. Significant figures in porosity and permeability evaluations imply a level of accuracy in these visual estimates that is not real. These significant figures have been retained in the data only to allow relative comparisons between the rocks. (6) The grouping of rocks by reservoir quality uses arbitrary cutoffs based on calculated averages of the effective porosity and the permeability for each sample interval. These cutoff values are not specific to any formation or field unless indicated otherwise. Reservoir quality grouping is done for comparative, relative purposes. Under no circumstances should it be relied upon as the basis for any production, completion, or financial decision.

Disclaimer: Rock analyses of any kind that are based on drill cuttings or core have inherent problems because drill cuttings and core do not always represent the actual rock at a given depth. This is due to factors such as contamination by cavings and washout, incorrect lag times, poor sample collection and handling techniques, and incorrect depth calculations, etc. Because of this, the interpretations derived from drill cuttings and core may be misleading or incorrect. Although I have tried to minimize this problem, the problem may still exist and other researchers may have different opinions.

The collection and synthesis of geologic data is very much dependent upon the observer and his or her experience and background. Observations and interpretations of geologic data, together with calculations or estimations made using geologic data, whether directly from rocks or from paper or electronic sources, are opinions only. These opinions are based on inferences, visual estimations and observations, physical measurements, empirical factors, and assumptions. Such opinions are not infallible, and different opinions may exist. Accordingly, the accuracy or correctness of any such interpretation, recommendation or opinion is not guaranteed. Under no circumstances should any such interpretation, recommendation, or opinion be relied upon as the sole basis for any production, completion, or financial decision. We do not guarantee results. We make no warranty either express or implied. Under no circumstances shall we be liable for consequential damages. This report was written to investigate certain issues and has no validity beyond the bounds for which it was designed.

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Results

Drill cuttings from the west Newfoundland Port au Port #1 - ST1 well were examined over the interval 3555 to 3600m. The rocks were studied to address the following questions:

1. What is the lithology and reservoir character of the rock?
2. What is the production potential?
3. How will the rocks respond to acid treatment? Are their trace compounds that could cause problems with frac fluids?
4. Why is there obvious log porosity but no production as indicated?

The report documents observations and interpretations that are pertinent to these questions.

The drill cuttings from this well appear to be lagged correctly and representative of the well bore when compared to petrophysical well logs. The upper and lower porous zones are composed of two different reservoir rock types.

NOTE: The detailed evidence for the following interpretations is found in the photographs and their descriptions and in the accompanying data sheets. The reader is strongly encouraged to carefully examine both the photographs and the data sheets to better understand and visualize the rocks and their reservoir character and quality.

Reservoir Quality/Character

1. The upper porous zone ranges from 3563 m to 3565, 3568 to 3570, and 3573 to 3576 m measured depth. It is a dark brown earthy dolostone (earthy means crystal size <20 um). The rock is oil stained throughout and is partly calcareous. Crystal size is from 10-20u with rare examples up to 40u. Porosity in this crystal size is classified as earthy (<20u pores). Crystal size and distribution is consistent throughout the samples. Average estimated porosity is 6.8% and average estimated permeability is 2.4 mD (Sneider method, Table 5 and 6) . Maximum porosity is estimated to be about 10%. This zone is classed as a matrix reservoir (Table 7).

2. The lower porous zone ranges from 3589 m to 3595 m measured depth. The rock is white crystalline dolostone. Dolomite rhombs are 90-100 um with a maximum size of about 125um. This zone is classified as a small pore reservoir (Table 7). Porosity is a combination of both the intercrystalline matrix pores with a minor pinpoint pore component. Permeability is a function of the intercrystalline matrix porosity only. This zone appears to have streaky distribution of porous rock, probably on a centimeter to decimeter scale. The average estimated porosity is 5.3% and average estimated permeability is 2.2 mD (Sneider method, Table 5 and 6). A late stage calcite cement is present but occupies less than 10% of the total rock volume. Treatment with cold, 10% HCL causes almost complete diss agregation of the chips. Both calcite and dolomite cements are dissolved leaving a residue of loose, well-preserved dolomite crystals. Rare oil staining occurs in some pinpoint pores. Rare traces of pyrobitumen are also present in some of the intercrystalline porosity. This pattern of hydrocarbon indicators may indicate poor permeability.

Formation Damage

The reservoir rock chips from both zones have been mechanically abraded in the well bore and also contaminated with drilling muds. Contamination by drill fluids is an indicator of permeability. When the chips are broken to reveal fresh surfaces, the damage is seen to be quite minimal and limited to much less than 1mm in thickness. This damaged zone can easily be removed with 10% cold HCL.

DST results from this zone indicate that the rock will not flow oil under the present conditions. This is likely a result of the low relative permeability to oil due to the fine grain size rather than due to damage from drilling.

Resident Fluid Analysis

Resident Fluid Analysis was done to check the rock for the probability of hydrocarbons as the resident fluid in the pores (Appendix 2). An approximate resident fluid value of 6 or 7 was calculated from chips in the lower porous interval. This result suggests that the lower zone may be a zone of mixed wetting or a transition zone (Table 3). The probability of having oil as the resident fluid is quite low.

Speculative Model

Two types of dolomite are present in the sample range, the upper being earthy crystalline dolostone, and the lower a very fine crystalline dolostone. The origin of these two units is not known, but the lower unit (coarser) is likely hydrothermal in origin, based on our knowledge of West NFLD and the cursory appearance of the dolomite.

If the lower unit is hydrothermal dolomite, it is likely related to a structural feature that plumbs the hot fluids. The feature could be either sub vertical or sub horizontal depending on the nature of faulting in the area. In either case, it probably developed an alteration halo as is typical for structurally controlled hydrothermal systems. This diagenetic halo radiates outward from the conduit and has a specific zonation. The zonation produces lateral changes in reservoir quality in relation to the fault zone. It may be that the Port au Port #1 – ST1 was drilled slightly further away from the plumbing conduit than the original well (Figure 1)

Lateral variations in secondary porosity development may also be related to changes in rock facies. Through further investigation of available drill cuttings or core, the relationship between facies, diagenesis and porosity development can be determined. Micro brecciation was seen in some samples and is believed to indicate a structural component to the reservoir. Further analysis could determine if the dolomitization is related to faulting.

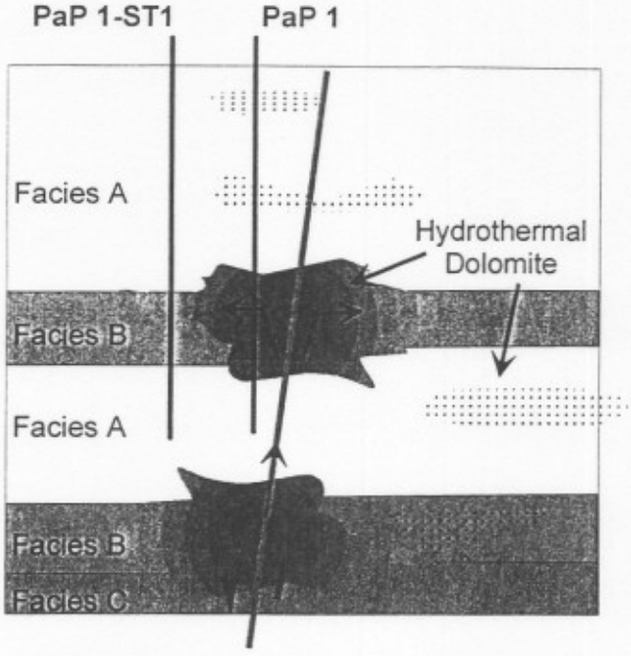


Figure 1: A schematic of a possible dolomitization scenario and the resulting discrepancies between PaP 1 and PaP 1-ST1. In this scenario there is a facies control and also a control exerted by distance from the source of the fluids.

Appendix 1: Photographs

Photo 1: Dense, crypto crystalline (right) to microcrystalline (left) dolo mudstone that makes up the dense rock between porous intervals in the upper porous zone. This rock also occurs above the porous intervals. The rock is well cemented and compacted and is non-reservoir. Estimated effective porosity is 0%. The rock is a Sneider 3, which gives it less than 0.07 mD permeability. (Port au Port #1-ST1, 3565 m, 25x, roll 1 frame 1)

Photo 2: A freshly broken surface of reservoir rock consisting of earthy dolostone. This rock is among the best in the sample set. It is composed of 10-20u dolomite rhombs, although these are not visible in this view due to the extremely small crystal size and low magnification. The rock has an estimated 9-12% earthy porosity and an estimated permeability of about 2 mD (Sneider 1c low). (Port au Port #1-ST1, 3565 m, 25x, roll 1 frame 17)

Photo 3: Close up view of the previous photo showing this good quality reservoir rock. On this freshly broken surface, the crystal relief is very high with up to 3 or even 4 crystals visible in some pores. The crystal size is also very uniform and the crystals are very loosely packed. All of these features produce permeability in a rock that would normally tend to not have permeability due to the fine crystal size. However, the permeability is still relatively low and fluid flow depends on the relative permeability of the different fluids in the rock. If the rock is at all fractured, permeability will increase significantly. The dark color and the fine crystal size of the earthy dolostone suggest that the precursor rock was a dirty mudstone. Fekete staff indicate that the well tested much less than 0.5 mD permeability. This could occur for 2 reasons: the earthy reservoir rock has been damaged during drilling or the relative permeability to oil is extremely low. (Port au Port #1-ST1, 3570 m, 80x, roll 1 frame 16)

Photo 4: Close up of a damaged surface of a porous chip (porosity not visible in this). The chip has been damaged during drilling. Damage appears to be caused by 2 processes. First, the chip has been mechanical abraded by the drilling process, probably through a combination of mud and the drill bit. Second, earthy pores in the chip have been plugged with drill mud. This gives the rock a slightly darker color than the fresh surface. The damaged rock has about 3% estimated effective porosity and less than 0.5 md estimated permeability (Sneider 2). In contrast, on a fresh surface, this chip has about 9% effective porosity with about 1-2 md permeability. However, it should be noted that this damage skin is very thin – less than 1 mm in thickness. (Port au Port #1-ST1, 3570 m, 80x, roll 1 frame 4)

Photo 1: Port au Port #1-ST1, 3565 m, 25x; Upper Porous Zone

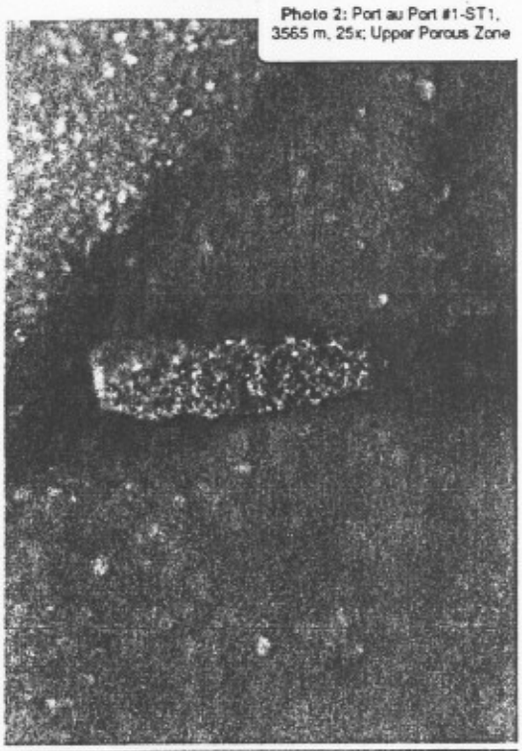


Photo 2: Port au Port #1-ST1, 3565 m, 25x; Upper Porous Zone

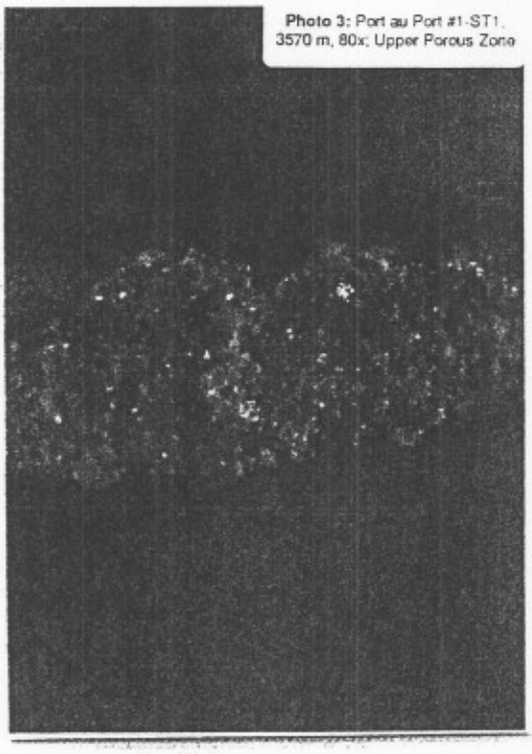


Photo 3: Port au Port #1-ST1, 3570 m, 80x; Upper Porous Zone

Photo 4: Port au Port #1-ST1 3570 m, 80x; Upper Porous Zo

Photo 5: View of 3 chips in a water bath, showing damaged surfaces. This photo shows the chips prior to immersion in cold acid. (Port au Port #1-ST1, 3570 m, 25x, roll 1 frame 5)

Photo 6: Same sample as the previous photo showing the results of bathing the chips in cold acid (10% HCL) for 3 minutes. The chips react slowly at first as the acid works through the damaged skin. Once the skin is penetrated, the reaction proceeds vigorously. As can be seen in this view, one of the chips has been completely dissolved while the other two have lost 50% or more of their volume. These two chips remain as masses of 10-20 um crystals with very high relief. The breakdown of the chips has resulted in an abundant residue of 10-20 um, white dolomite rhombs on the bottom of the watch glass. (Port au Port #1-ST1, 3570 m, 25x, roll 1 frame 6)

Photo 7: Lower reservoir interval. A very fine grained crystalline dolostone with uniform crystal size and distribution. Crystals are about 90 um in size. Porosity is intercrystalline with a trace of pinpoint pores. The estimated effective porosity is 5% while the estimated effective permeability is 2 mD. Permeability is controlled by the matrix porosity. Porosity and permeability both appear to be highly variable on a small scale. Hydrocarbon staining is extremely rare. Drill solids can be seen in some pores and throats indicating permeability. Late stage calcite cement occluding porosity is present. (Port au Port #1-ST1, 3595 m, 25x, roll 1 frame 7)

Photo 8: Close up view of a chip from the previous photo showing the intercrystalline porosity in 90u dolomite crystals. Note the considerable relief in the bottom part of the chip. The rock here is a Sneider 1c (1-10 md permeability). (Port au Port #1-ST1, 3595 m, 80x, roll 1 frame 11)

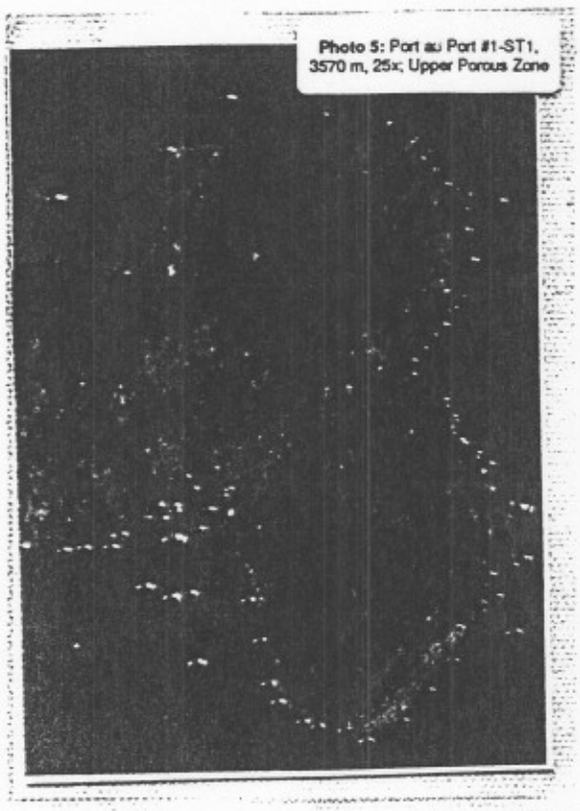


Photo 5: Port au Port #1-ST1, 3570 m, 25x; Upper Porous Zone

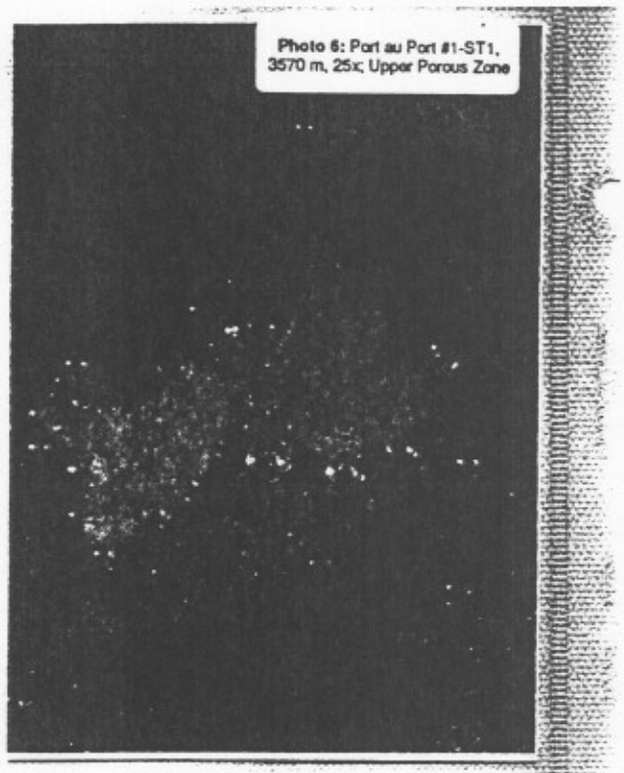


Photo 6: Port au Port #1-ST1, 3570 m, 25x; Upper Porous Zone

Photo 7: Port au Port #1-ST1, 3595 m, 25x; Lower Porous Zone

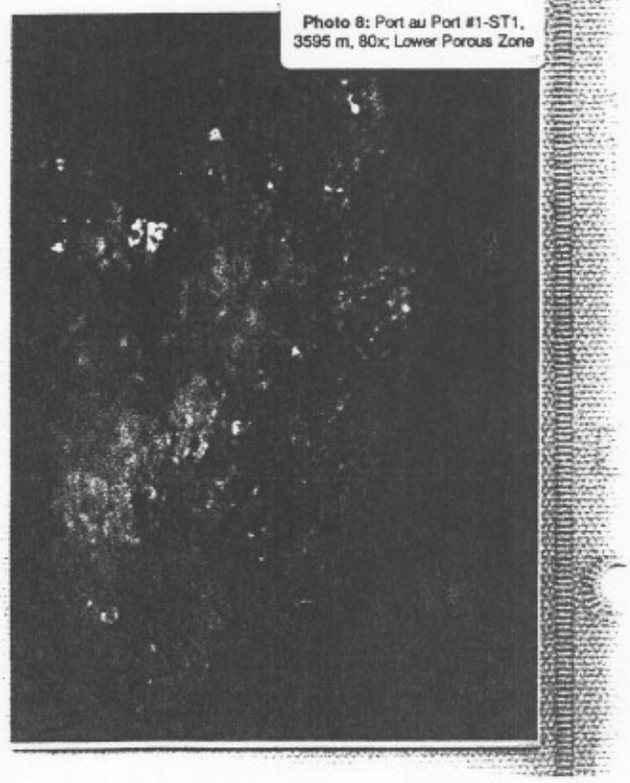


Photo 8: Port au Port #1-ST1, 3595 m, 80x; Lower Porous Zone

Photo 9: Several chips from the lower porous interval after staining with Alizarin Red S. Calcite has stained red while dolomite crystals are still white. The overall yellowish hue is due to the dispersed stain in the water bath. The relative amount of calcite cement is variable, but is generally less than 10%. (Port au Port #1-ST1, 3595 m, 25x, roll 1 frame 10)

Photo 10: Chips from the above photo after treatment with cold 10% HCL. After 3 minutes, the chips have been almost completely disaggregated into individual dolomite rhombs making a dolomite sand. The rhombs in the residue appear pristine and have not been altered by the acid. (Port au Port #1-ST1, 3595 m, 25x, roll 1 frame 19)

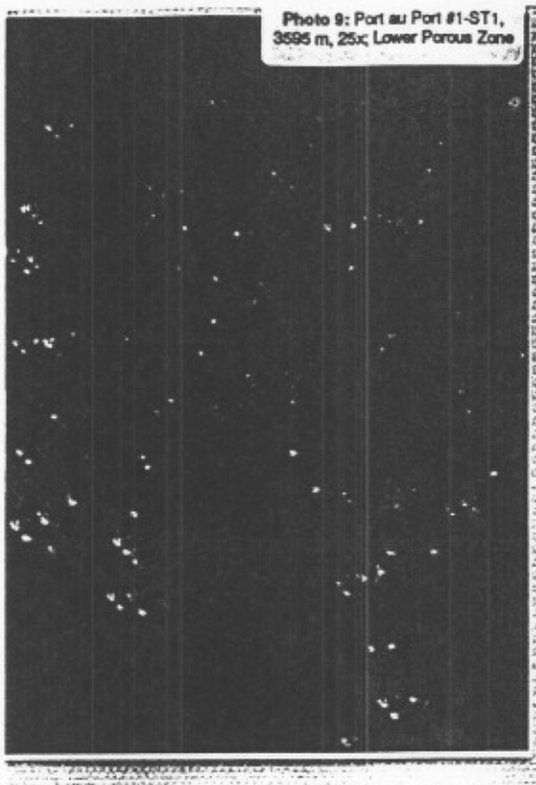


Photo 9: Port au Port #1-ST1, 3595 m, 25x; Lower Porous Zone

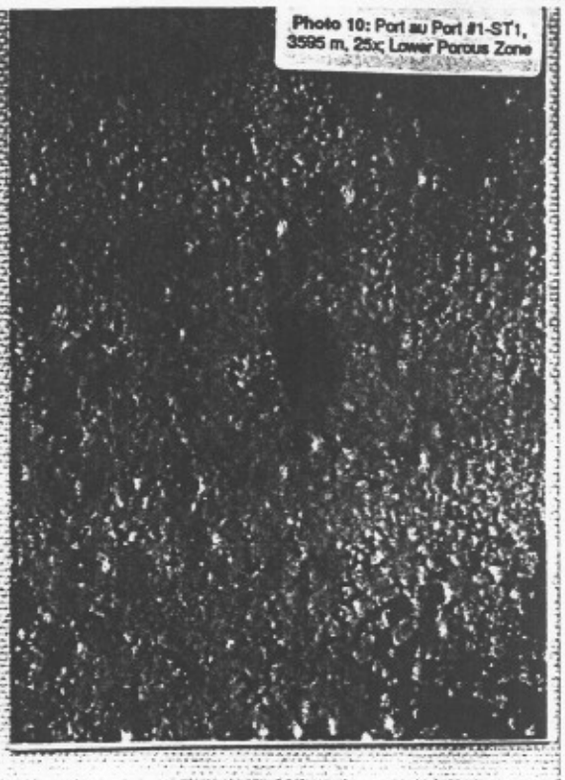


Photo 10: Port au Port #1-ST1, 3595 m, 25x; Lower Porous Zone

Appendix 2: Methods and Techniques

Rockwork is done with a high-performance Leica MZ12 microscope capable of high-resolution magnifications ranging from 8x to 160x. The microscope is used for both stereoscopic and axial viewing. It is capable of incident, transmitted, diffuse transmitted, diffuse plane polarized, asymmetric dark field, plane polarized, and cross-polarized illumination. All light sources are daylight-corrected for proper color recognition. The system can acquire professional quality, 35 mm photographs with all illumination methods and with both stereoscopic and axial viewing. It can also acquire stereophoto pairs for imaging critical features on 3-dimensional surfaces.

Each well is examined for lithologic, diagenetic, sedimentologic, and reservoir information. Core data is recorded on paper data sheets. Cutting data is recorded in Microsoft Excel 2000. This gives digital data that can be easily manipulated, sorted, and searched without any additional data entry. The data sheets and a legend are in the Appendix.

Lithofacies & Diagenetic Analysis

Core is examined at hand-sample scale using standard examination techniques for sedimentologic, stratigraphic, facies, environmental and diagenetic analysis. Sedimentary structures, mineralogy, bioturbation, textures, packing, lithology, fossils, allochems, cements, recrystallization, structure, grain/crystal size, crosscutting relationships, etc, are all recorded. Facies are established using a depositional process framework. This allows the facies breakdown to be as representative as possible of the depositional systems and depositional environments.

Cuttings and small core pieces are examined wet and wet with Alizarin Red S dye at various magnifications. Representative chips are dissolved and insoluble residues are examined. Each sample is examined under high-intensity, daylight-corrected reflected light. This allows the resolution of fine details and true color identification. Samples may then be examined under transmitted-light bright-field illumination and transmitted light, dark-field illumination. Transmitted-light, dark-field illumination is particularly powerful in facies work, as it allows the observation of micro-fabrics and textures that are otherwise only visible in thin section.

Dark field microscopy "increases the information obtainable from low-contrast objects with structures that are poorly defined or very fine. Light rays meet the object at grazing incidence from below, and those which are then reflected or refracted into the objective cause edges and structural elements to appear bright on a dark background." (see photomicrographs) (Leica, 1995).

Thin sections are examined using a mix of standard techniques and advanced techniques as required. Plane-polarized light and cross-polarized light are used for textural, compositional, digenetic, and mineralogical identification. Diffuse plane polarized light and diffuse transmitted light are used in heavily dolomitized rock to see through diagenetic effects and reveal original packing, textures, and composition.

Many times, diffuse light techniques are the only methods capable of revealing original textures, compositions, and fabrics in heavily dolomitized rocks.

Resident Fluid Evaluation

Resident-fluid evaluation is a proprietary technique developed by Rock Research Inc.. In this technique, a number of drill chips are tested to determine whether hydrocarbon (natural gas or oil) or water is likely to be the resident fluid in the rock and pore volumes. After testing, the sample is ranked according to the percentage of chips that display evidence for hydrocarbons as the resident fluid (Table 2). The sample is also ranked according to the strength of the hydrocarbon indicator (Table 3). The product of these criteria gives a final value, ranging from 0 to 15, that expresses the likelihood that the pore fluids and the rock have hydrocarbons as their resident fluid (Table 4). The scientific reasons behind this technique are not known. However, it probably has something to do with a film of hydrocarbon or other related substance that coats the grains in the reservoir and is able to withstand the trip up the borehole as well as sample preparation and storage.

Table 1: Percentage ranking and criteria used in determining the proportion of chips that have hydrocarbon (natural gas) as their resident fluid.

Percentage Ranking	Criteria
5	>90% of chips show evidence for hydrocarbons
4	70% - 90% of chips show evidence for hydrocarbons
3	50% - 70% of chips show evidence for hydrocarbons
2	30% - 50% of chips show evidence for hydrocarbons
1	10% - 30% of chips show evidence for hydrocarbons
0	<10% of chips show evidence for hydrocarbons

Table 2: Indicator strength ranking and the criteria used to determine the ranking. Numbers such as 1.5 or 2.5 are allowed to express gradations between the indicated strengths.

Indicator Strength Ranking	Criteria
3	consistent, strong evidence for hydrocarbons
2	moderately strong or inconsistent strength in the evidence for hydrocarbons
1	weak or obscure evidence for hydrocarbons
0	no evidence for hydrocarbons

The Resident-Fluid Evaluation technique has been shown to work consistently in practice and in test cases where gas-water contacts are clear and known. The evaluation does not work well when invert or hydrocarbon-based drill mud has been used.

High resident-fluid values suggest a high probability that the reservoir rock is hydrocarbon saturated or natural gas bearing (Table 4). Low resident-fluid values suggest there is a high probability that the reservoir rock is water saturated or water bearing (Table 4). Mid-range resident-fluid values represent settings that are more complex and require caution in their interpretation (Table 4). For example, they may represent reservoirs with mixed hydrocarbon and water saturation. They may represent transition zones or zones with high capillary pressures. They might also represent reservoirs that were gas charged at one time, but have been breached. They could also represent the presence of semi-permeable seals that allowed the reservoir to fill with water over geologic time. In this case, the technique would be identifying the paleo hydrocarbon

saturation. Mid-range values might also represent the passage of hydrocarbons through a migration system without any significant resident time in the tested rock.

Table 3: Resident fluid value and its potential causes. NOTE: Numeric divisions are arbitrary at this point. However, the divisions and their significance could be refined for specific rocks by calibration using known gas water contacts and known reservoir histories in specific areas for specific formations.

Resident Fluid Value	Possible Causes and Significance
11-15	strong probability that the resident fluid is hydrocarbon, i.e., the reservoir is gas charged
6-10	zone of mixed wetting, or possible transition zone, breached reservoir, permeable seals over geologic time, or migration pathway, with evidence for both water and gas as resident fluid; if a mixed wettability reservoir, gas production may be dependent on relative permeabilities
0-5	strong probability that the resident fluid is water, i.e., the reservoir is wet

Reservoir Analysis

Reservoir analysis appraises reservoir character and quality from cuttings, core, thin section, or outcrop. The analysis is done with the Leica MZ12 microscope detailed above. Rocks are evaluated for any of effective and ineffective porosity, quantitative permeability estimation, lithology and mineralogy, grain/crystal size, sorting, compaction, consolidation and cementation, pore/throat occlusion, structure, and other features relevant to reservoir performance.

Porosity

Porosity is visually estimated, either qualitatively or quantitatively. Quantitative porosity estimations are calibrated with percentage estimation charts. Effective porosity is always estimated. In some instances, ineffective porosity is also estimated. However, this is often difficult, as ineffective porosity is commonly non-visible and cannot be realistically estimated through visual means. When appropriate, porosity is classified using the Archie Porosity Classification scheme. This scheme is useful in understanding, visualizing, and communicating information about rock type , pore type and pore distribution.

Porosity estimations are always for effective porosity. This is particularly important because core analyses and well logs record total porosity rather than effective porosity. Effective porosity is usually less than total porosity. Most rocks will have some ineffective porosity. Many rocks will have significant amounts of ineffective porosity. The amount of ineffective porosity usually increases with decreasing grain/crystal size. Ineffective porosity usually consists of microporosity scattered through the rock matrix, or localized within specific grains or minerals. Isolated pores, although visible, are another type of ineffective porosity.

Table 4: The modified Archie Porosity Classification Scheme. This scheme is very useful in expressing the relationships between rock matrix, porosity type, and porosity distribution. It is also useful in relating porosity and rock type to petrophysical analyses. To use the scheme, an Archie Type (I, II, or III) that describes the rock's appearance is modified by an Archie Class (A, B, C, or D) that describes the porosity. Combinations are common, example I-III. In combinations, the dominant number is first. Note that this scheme uses Roman Numerals to describe the basic appearance of a rock. Note also, that Roman Numeral I is a poor quality rock and III is good quality rock. This contrasts with the Sneider Permeability scheme in which a Sneider Class 1 rock has good permeability and a Sneider Class 3 rock has very low permeability. The Archie scheme can be used effectively in both siliciclastic and carbonate rocks. Note also that rocks can have considerable ineffective porosity even if they appear crystalline or dense.

Type	Name	Appearance in hand sample	Appearance at 20x (Critical Features)	Grain Size (Went-worth)	Maximum ineffective, matrix porosity (not visible at 20x)
I	Dense	Smooth, hard and dense. Sharp edges, possibly conchoidal, high vitreous to resinous luster. May produce featheredge on breaking.	Matrix of tightly interlocking crystals or grains, few if any visible pores, well consolidated or cemented. May be any grain size as long as it is well cemented or consolidated.	4μ+ (clay to coarse)	Coarsely xII = 2% very finely xII = 3.5% crypto xII = 5%
II	Earthy or Chalky (<20μ crystals or grains)	Very finely crystalline appearance or earthy. Small crystals that reflect light in different directions. May be composed of small grains instead of crystals.	Small crystals less effectively interlocked. Joining at different angles to reflect light in different directions. May be some visible pores. By definition is less than 20μ grains or crystals.	<20μ	up to 15% if chalk, lower is more common
III	Sucrosic or Granular	Sandy, granular, or sugary appearing.	Crystals or grains interlock at different angles generally allowing space for considerable porosity. Oolitic and other granular textures also possible.	>20μ (silt to coarse)	Coarsely xII = 5% finely xII = 6% micro xII = 7%
microcrystalline is silt size (4-62μ); cryptocrystalline is <4μ					

Class A:	no visible porosity	<10μ pores, or no pores at all
Class B:	visible porosity	10-100μ pores, usually tiny pinpoint or intercrystalline
Class C:	visible porosity	100μ - 5000μ (5 mm) pores, often less than the size of chips
Class D:	visible porosity	large pores, greater than 5 mm, can be inferred from indicators of growth into a void

Permeability

Permeability estimations are made using Sneider Rock Typing. Sneider Rock Typing provides quantitative estimates of the permeability of a rock based on porosity and other visible features (Sneider et al., 1983; Sneider and King, 1984; Ethier and King, 1991) (see the following table). Visual features of a rock are tabulated and the rock is classified according to its Sneider Class. Each Sneider Class (SC) corresponds to a permeability range. Thus, the permeability of a rock can be indicated by its Sneider Class (1a, 1b, 1c, 1d, 2, or 3) or by a numeric range in millidarcys (for example, 0.5-1 md) that is represented by the Sneider Class. This is immensely important, as well logs provide no direct permeability measurements, and quantitative permeability analyses cannot be easily done on cuttings.

Sneider Rock Typing often provides the only information available as to reservoir permeability and pore connectedness. Taken together, the porosity estimation and Sneider Class provide invaluable information about reservoir quality. Together with the Archie Classification scheme, they provide a thorough description of the petrophysical reservoir parameters of a rock.

Table 5: Sneider Rock Type—Permeability Classification. This scheme is used to quantitatively estimate permeability and reservoir performance. It is based on the major features that influence connectivity of the pores in a rock. Note that in this scheme a Sneider Class 1 rock has good permeability and a Sneider Class 3 rock has very low permeability. This contrasts with the Archie Porosity scheme where Roman numeral I is a poor quality rock and III is good quality rock.

Perm (md)	Sneider Class (SC)	Surface Relief	Porosity	Pore/throat Occlusion	Consolidation	Grain Size
100+	1a	very high relief	good and even	clean rock	poorly consolidated	most common in medium and coarser grain sizes
10-100	1b	high relief	moderate to good, and even	minimal occlusion	poorly to moderately consolidated	most common in fine and coarser grain sizes
1-10	1c	moderate relief	moderate and patchy	significant occlusion	moderately consolidated	most common in very fine to silt sizes
0.5-1.0	1d	Low relief	poorly developed and poorly distributed	major occlusion	moderately to well consolidated	most common in very fine or smaller
0.07-0.5	2	very low relief relatively	rare but visible porosity	almost complete occlusion	usually well consolidated	most common in silt or smaller
<0.07	3	little to no relief	no visible porosity	complete occlusion	well consolidated	most common in silt-size and finer grained rocks

NOTE: Open fractures are treated as occurrences of 1a with a permeability of 500 md.

(modified from Sneider and King, 1984; Ethier and King, 1991)

Table 6: Summary of characteristics and general potential of Sneider Rock Types.

Type	Characteristics	Potential (Only In General Terms)
1	Visible porosity is abundant and good; pore connections visible;	Reservoir quality rock for gas if it is thick enough
2	Minor visible porosity; some pinpoint pores; quite dense	Can produce gas if it is fractured artificially or naturally; can produce if it is associated with enough Type 1 rock
3	Minor to rare, isolated pores; very dense	Not known to produce gas unless strictly from gas-charged, natural fractures

Reservoir Type

Reservoir types are identified using relationships between matrix pores, isolated small cavities, isolated large cavities, touching cavities, and open fractures. The classification by reservoir type is particularly powerful because it combines both geologic reservoir description and petrophysical reservoir description. Different reservoir types will have different production behavior. Note that this classification is based on type and not quality. From these reservoir types and from porosity-permeability analyses, flow units can be established and characterized. Reservoir parameters such as KH, KΦH, ΦH, and net to gross ratios can be calculated. If there are wells nearby with similar reservoir types, potential production rates can be estimated.

Reservoir Type analysis is based on data of the following types: lithofacies, crystal/grain size, consolidation/cementation, pore types and distribution, effective and ineffective porosity estimations, pore/throat occlusion, structure/stylolites, permeability, Archie Porosity Classification, Sneider Reservoir Classification, reservoir modality, resident fluid evaluation, and reservoir controls.

Table 7: Classification of reservoir rock, ranging from reservoir rock entirely dependent upon matrix porosity and permeability, to reservoir rock entirely dependent upon fractures to supply both porosity and permeability. Combinations of the different reservoir types are common. For example, a given rock may have both Matrix Reservoir and Large Cavity Reservoir. Another rock may be a combination of Matrix, Small-Pore and be Fracture Assisted. This scheme is a composite of the petrophysical porosity/rock fabric classification of Lucia (1983, 1995) and the geological porosity classification of Choquette and Pray (1970).

Geological Reservoir Type	Geological Reservoir Description	Petrophysical Reservoir Description	Petrophysical Type (Lucia, 83, 95)
Matrix	Reservoir rock consists of a relatively homogeneous distribution and character of earthy (chalky), intercrystalline, or intergranular porosity and permeability in the rock matrix.	Porosity and permeability are determined solely by matrix pores.	Intraparticle
Small-Pore	Reservoir rock consists of small, non-touching pores such as molds, pinpoint pores, intraparticle pores, shelter pores, and some fenestrae. These are smaller than, or about the size of, the grains or crystals of the matrix rock. The matrix around the small pores may be tight or permeable.	Porosity consists of the porosity of the small pores plus the porosity of the matrix. Permeability of the rock is controlled by the matrix permeability.	Separate Vugs
Large-Cavity	Reservoir rock consists of large, non-touching cavities that cut across matrix grains/crystals and include vugs, solution channels, breccia, cavernous pores, some types of fenestrae, and other large cavities. The matrix around the large cavities may be tight or permeable.	Porosity of the rock consists of the porosity of the large cavities plus the porosity in the matrix. Permeability of the rock is controlled by the matrix permeability.	
Touching Cavity	Reservoir rock consists of large cavities that touch and connect. Porosity types can include vugs, solution channels, breccia, cavernous, some fenestrae, and other types of large cavities. The matrix around the touching cavities may or may not be permeable.	Porosity is the sum of the porosity of the cavities and the porosity of the matrix around the cavities, if the matrix is permeable. The permeability is determined only by the cavities and their connectivity. Difficult to evaluate permeability.	Touching Vugs.
Fracture Assisted	Reservoir rock of any of the above types that is assisted or enhanced by fracturing. In these cases, the reservoir rock would probably produce on its own but at lower rates and with possibly lower reserves.	Fractures add only slight porosity to reservoir rock. Permeability is significantly enhanced by fractures. Difficult to evaluate permeability.	
Fracture Dependent	Fractured reservoir rock of any of the above types. Fractures allow drainage of reservoir that would probably not drain at our time scales. Without fractures the rock would probably produce at sub economic rates.	Fractures add only slight porosity to reservoir rock. Fractures provide most of the permeability. Difficult to evaluate permeability.	
Fractured	The reservoir consists entirely of open fractures in non-porous, impermeable rock. Production and reserves are dependent wholly upon fractures.	Fractures provide both the porosity and the permeability. Difficult to evaluate permeability.	

Reservoir Quality Grouping

Depending on need, and for ease of reference, reservoir rock can be grouped or classified by quality. To do this, the reservoir potential of the rock is assessed using the average permeability and porosity calculated for each interval, along with the resident fluid value. The rocks are then classified as non-reservoir, marginal to questionable reservoir, or fair to good reservoir. Classification is done using crude arbitrary cutoffs. More specific cutoffs can be established for certain rocks or fields, etc. By refining these cutoffs with known production from known rocks, calculations that are more accurate can be made of net to gross ratios, KH, ΦH, and KΦH.

Table 8: Ranges of effective porosity and permeability for natural-gas, reservoir-quality classifications. Note that these are rough cutoffs only and give only approximate information as they are not based on production data and are not specific to any particular rock package. In order to be classed as reservoir rock, the rock would have to have resident fluid values indicative of hydrocarbons in the pores if resident fluid analyses were done.

Estimation of Reservoir Potential	Effective Porosity Values	Permeability Values
Marginal to Questionable Reservoir	<5%	0.5 - 1 md
Fair to Good Reservoir	>5%	>1.0 md

Appendix 3: Data Sheets

Observations from cutting examination were recorded using Microsoft Excel with separate worksheets for each well (see Appendix 1). The columns on the worksheets are explained as follows:

1. **Depth (m or ft):** Each sample interval is marked with the depths at the bottom of the interval. This is done to be consistent with the sample vials.

2. **Normalized % of Each Interpreted In-Situ Lithofacies (Facies # if necessary)**: This column contains normalized percentages of the different rock types found in each vial. The percentages are normalized to account for rock volume taken up by cavings and artificial materials. If a facies scheme is being used, the number or code of the facies is indicated.

3. **Bulk Lith:** This column is filled with symbols that represent the general lithologies found in the vial. It is useful as an indicator of the overall lithologic composition and changes in the well.

4. **Accessories (cavings?)%:** Accessories are items found in the interval with the cuttings but not listed as a significant component. They include things like cavings, chert, sulfur, and caved shales. They also include Lost-Circulation Material (LCM) like wood, walnut shells, fabric, plastic, etc.. If required, the percentages of the different cavings can be indicated.

5. **Res Pot:** This column is a visual guide to the reservoir quality of the rock. Blank cells indicate that there is no reservoir potential. The solid pink color indicates marginal to questionable reservoir. The solid red indicates fair to excellent reservoir. The checkered pink color indicates open fractures but no matrix porosity.

6. **Ave. eff. POROSITY:** This column contains the average effective porosity in percent, for the each sample interval (usually 5 m if metric, 10 feet if imperial). The average porosity is calculated by estimating the percentage of chips with each of the following porosity groups: 0% porosity, 1-3%, 3-6%, 6-9%, 9-12%, 12-15%, 15-18%, and greater than 18%. A porosity value is assigned to each group, multiplied by the percentage in that group, and then averaged for the entire interval. Significant figures from calculated values imply more precision than is actually possible. However, they are retained for comparison purposes because average porosity values are generally quite low.

7. **Ave. PERM:** This column is a calculated permeability for each sample interval based on the results of the Sneider Rock Typing analysis. It is calculated in the same manner as the average effective porosity column. Significant figures from calculated values imply more precision than is actually possible. However, they are retained for comparison purposes.

8. **Type:** Type refers to the type of pores. These are indicated in the small box in the header of each logging form. They are as follows: e = earthy, f = fracture, g = intergranular, m = moldic, p = pinpoint, v = vuggy, x = intercrystalline.

9. **Comments:** This column is for informal items that I deem significant as I examine the cuttings.

Depth m (1:480)	Sample Qual; g f p t	Color	Long Facies Desc.	Ave.Est.Eff.Mtx.Por	Ave. Est.Total Perm.	Pore Types Dm	Pore Types Mn	Res. Fluid Value	HC Show Dm	HC Show Tr	1-3% Por, eff	3-6% Por, eff	6-9% Por, eff	9-12% Por, eff	sum	SR 2	SR 1d	SR 1c lo	SR 1c hi	SR 1a fract	sum	%Sulfide Min	Diagenesis: Cements, Clays, Compaction, Alteration	Comments / Notes	Photo (p) Samples (s)
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
3555				0.0	0.0										0					0	0				
		lt gy-bm	Dolostone, lt	0.0	0.0										0					0	0				
			gy-bm, mic xl	0.0	0.0										0					0	0				
	g		wl tr xtal,	0.0	0.0										0					0	0				
			glassy and	0.0	0.0										0					0	0				
3560		wht	Limestone,	0.0	0.0										0					0	0				
			wht, chalky,	0.0	0.0										0					0	0				
		lt gy-bm	Dolostone, lt	0.0	0.0										0					0	0				
	g		gy-dk bm,	0.0	0.0										0					0	0				
		bm-dk bm	Dolostone,	6.8	2.4	e			F			25	75		100		25	75		0	100	1	Diagenetic alteration	Porosity is present in dark brown earthy dolostone. Grain size	P1-6
3565			bm-dk bm,	6.8	2.4	e			F			25	75		100		25	75		0	100	1	to dolostone, rare	is typically 10-40 microns. This rock is oil stained and is partly	
		lt gy-bm	Dolostone, lt	0.0	0.0										0					0	0	1			
	g		gy-dk bm,	0.0	0.0										0					0	0				
			mic xl wl mnr	0.0	0.0										0					0	0				
		bm-dk bm	Dolostone,	6.8	2.4	e			F			25	75		100		25	75		0	100	1	Diagenetic alteration	Porosity is present in dark brown earthy dolostone. Grain size	
3570			bm-dk bm,	6.8	2.4	e			F			25	75		100		25	75		0	100	1	to dolostone, rare	is typically 10-40 microns. This rock is oil stained and is partly	
		lt gy-bm	Dolostone, lt	6.8	2.4							25	75		100		25	75		0	100				
			gy-dk bm,	6.8	2.4							25	75		100		25	75		0	100				
	g		mic xl wl mnr	6.8	2.4							25	75		100		25	75		0	100				
		bm-dk bm	Dolostone,	6.8	2.4	e			F			25	75		100		25	75		0	100	1	Diagenetic alteration	Porosity is present in dark brown earthy dolostone. Grain size	
3575			bm-dk bm,	6.8	2.4	e			F			25	75		100		25	75		0	100	1	to dolostone, rare	is typically 10-40 microns. This rock is oil stained and is partly	
			extra f or xtal	6.8	2.4	e			F			25	75		100		25	75		0	100	1	trace disseminated	calcareous. Rock breaks apart in 10% HCL.	
		lt gy-bm	Dolostone lt	0.0	0.0										0					0	0			Some dark brown crystalline rock is present but porosity is absent	
	g		gy-dk bm,	0.0	0.0										0					0	0				
			micxl wl mnr	0.0	0.0										0					0	0				
3580			xtal, glassy to	0.0	0.0										0					0	0				
		lt gy	Limestone, lt	0.0	0.0										0					0	0				
			gy, chalky in	0.0	0.0										0					0	0				
	g		pt, mic xl, Tt.	0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
3585				0.0	0.0										0					0	0				
		bm-dk bm	Dolostone lt	0.0	0.0										0					0	0				
	g		gy-dk bm,	0.0	0.0										0					0	0				
			micxl wl mnr	0.0	0.0										0					0	0				
			xtal, glassy to	0.0	0.0										0					0	0				
3590		wht	Dolostone,	5.3	2.2	x	p	6		B	45	15	25	15	100	35	25	25	15	0	100		Very fine grained	Pattern of staining indicates poor permeability. Late stage	P7-10
			wht, vf xtal,	5.3	2.2	x	p	6		B	45	15	25	15	100	35	25	25	15	0	100		dolomite rhombs,	clacite infill and cement reduces reservoir quality. Resident	
			rare tr pyrobit	5.3	2.2	x	p	6		B	45	15	25	15	100	35	25	25	15	0	100		wht in colour, late	Fluid Analysis suggests pores mostly filled with water.	
	g		and oil stn,	5.3	2.2	x	p	6		B	45	15	25	15	100	35	25	25	15	0	100		stage calcite		
			late stage	5.3	2.2	x	p	6		B	45	15	25	15	100	35	25	25	15	0	100				
3595			calcite infill	5.3	2.2	x	p	6		B	45	15	25	15	100	35	25	25	15	0	100				
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
3600				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
3605				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
				0.0	0.0										0					0	0				
3610				0.0	0.0										0					0	0				

Column groups: Interpreted Lithology (Bulk Lithology % of Sample; 5% increments; Gamma Ray Trace); Facies; Reservoir Summary; Est. Effec. Porosity; Est. Perm Sneider; Min; Diagenesis.

APPENDIX C:

Daily Geological Reports

Pioneer

DAILY GEOLOGICAL REPORT

WELL NAME AND LOCATION	GEOLOGIST	DATE	REPORT NO.
CIVC PORT AU PORT #1-ST1	R. Strickland	2001-09-07	1

CURRENT INFORMATION

TIME	DEPTH (MD)	DEPTH (TVD)	PROGRESS	FORMATION	STATUS
06:00	2656	2646.3	83	Winterhouse	Drilling ahead

RIG	SPUD DATE	DAYS FROM SPUD	WATER DEPTH	R.T.	AFE NUMBER	DAILY COST	COST TO DATE
Simmons # 31	2001-08-17	21		7.9			

SURVEYS

DEPTH	ANGLE	DIRECTION	DEPTH	ANGLE	DIRECTION	DEPTH	ANGLE	DIRECTION
2613.9	16.2	281.3	2623.4	17.1	281.6	2633.1	17.5	282.0

SUMMARY OF PREVIOUS 24 HOURS

Drilling ahead as per directional plan.

OPERATIONS FORECAST (NEXT 24 HOURS)

Drill ahead with 1.3 deg motor.

DRILLING FLUID PROPERTIES

FORMATION LEAK OFF TEST RESULTS	FLUID TYPE	DENSITY	VISCOSITY	FLUID LOSS	pH	CHLORIDES
@	Gel/Chem	1075	53	7	8.5	

BIT AND CASING DATA

BIT NO.	SIZE	TYPE	DEPTH IN	HOURS	ROP (M/HR)
3	216	HTC MX35CG	2543	27.5	4.1

LAST CASING (SIZE/DEPTH): 220 @ 2341

NEXT CASING (SIZE/DEPTH): @

RATE OF PENETRATION (MINUTES/METRE)

INTERVAL	AVERAGE ROP	MAX ROP	MIN ROP	REMARKS
2573 to 2596	2.84	9.23	3.24	
2597 to 2655	2.04	8.11	4.19	
to				
to				
to				
to				

HYDROCARBON DATA

INTERVAL	GAS UNITS	%C1	%C2	%C3	%IC4	%NC4	HYDROCARBON INDICATIONS AND REMARKS
2573 to 2616	3-9	.041	.037	.008	.001	.005	
2617 to 2637	9-20	.085	.078	.021	.002	.008	
2638 to 2646	20-28	.124	.111	.029	.002	.011	
2647 to 2656	9-17	.071	.068	.019	.002	.008	
to							
to							

TRIP GAS/ BKGRD GAS/ TIME (MIN)/ DEPTH	CONN GAS/ BKGRD GAS/ TIME (MIN)/ DEPTH	EST. PORE PRESSURE	DEPTH
		1035kg/m3 @	2656

FORMATION TOPS

FORMATIONS	PROGNOSED MEASURED (m)	PROGNOSED SUBSEA (m)	PROGNOSED TVD (m)	ACTUAL MEASURED (m)	ACTUAL SUBSEA (m)	ACTUAL TVD (m)
Winterhouse	2300.0		3080.0			
Lourdes	3118.0		3240.0			
Goose Tickle	3287.0		3432.0			
Table Point	3490.0		3443.0			
Aguathuna	3501.0					

REMARKS:

Pioneer

SAMPLE DESCRIPTIONS

WELL NAME AND LOCATION	DATE	WELLSITE GEOLOGIST
CIVC Port au Port #1-ST1	2001-09-07	R.Strickland

INTERVAL	DESCRIPTION
	Winterhouse
2573m-2655m	Shale: 50%, grey, dark grey, blocky to platy, firm to hard, occasional waxy sheen, calcareous. Sandstone: 30%, white, off white, grey, fine to medium crystalline, subround, moderate sorted, quartzitic, very hard, brittle, calcareous - silica cemented, tight, no shows. Siltstone: 20%, grey, off white, mainly quartz, feldspar, firm to hard, brittle, siliceous, occasional white chalky limestone stringers, tight, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	R. Strickland	2001-09-08	2

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	2739	2724.7	83	Winterhouse	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	22	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Diretion
2699.0	18.40	282.0	2708.60	19.30	283.7	2718.2	20.80	283.7

Summary of Previous 24 Hours

Drilling ahead as per Directional Plan.

Operations Forecast (next 24 Hours)

POOH to 1800m; Pressure test BOP elements; Continue POOH for bit change due to hrs; RIH w/ bit #4; Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	PH	Chlorides
	Gel/Chem	1065	57	9	9.0	1300mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	Last casing(size/Depth 220@ 2341
3	216	HTC MX35CG	2543	46.5	4.2	Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
2656 to 2661	4.2	6.0	1.3	
2661 to 2707	3.9	6.6	2.4	
2707 to 2739	4.1	7.2	1.6	
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
2656 to 2661	12-21	.0896	.0836	.0219	.0018	.0086	
2661 to 2707	17-35	.1522	.1397	.0379	.0031	.0053	
2707 to 2739	9-15	.0715	.0585	.0113	.0011	.0043	
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3	

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0		
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-08	R. Strickland

Interval	Description
2655m-2739m	Winterhouse Shale : 40%, grey, dark grey, blocky to platy, firm to hard, pelitic to argillitic, micro micaceous, calcareous, siliceous in part, occasional waxy sheen. Sandstone: 30%, white, off white, medium to light gray, fine to medium grained, subround, moderate sorted, abundant quartzite, strong indurated matrix, predominately quartz, calcareous and siliceous cement, occasional glauconite, tight, no shows. Siltstone: 30%, gray, off white, clear, predominately quartz, occasional feldspar, siliceous, firm to hard, frequently friable, occasional chalky white limestone stringers, tight, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-09**	**3**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	2745	2730.8	6	Winterhouse	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	23	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction

Summary of Previous 24 Hours

POOH for bit change; Test BOP's; Slip & cut drill line; RIH w/ bit #4, wash to bottom; Drill ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1055	48	8	8.5	1300mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
4	216	MXS40 CGDX	2739	3.2	1.9	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
2739 to 2745	1.9	2.9	1.5	
to				
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
2739 to 2745	6-11	.048	.045	.007	.001	.003	
to							
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/ Depth	Est. Pore Pressure	Depth
0.37%	0.05%	20hrs	2739				1035 kg/m3	

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0		
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-09	R. Strickland

Interval	Description
2739m – 2745m	Winterhouse Formation: Siltstone: 40%, gray, off white, clear, predominately quartz, occasional feldspar, siliceous, firm to hard, trace friable, occasional chalky white limestone stringers, brittle, tight, no shows. Sandstone: 30%, white, off white, medium to light gray, fine to medium grained, subround, moderate sorted, abundant quartzite, strong indurated matrix, predominately quartz, calcareous and siliceous cement, occasional glauconite, tight, no shows. Shale : 30%, grey, dark grey, blocky to platy, firm to hard, pelitic to argillitic, micro micaceous, calcareous, siliceous in part, occasional waxy sheen

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-10**	**4**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	2802	2783.7	57	Winterhouse	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	24	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
2765.60	19.60	284.8	2775.10	19.40	283.7	2784.6	20	282.3

Summary of Previous 24 Hours

Drill ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1060	48	9	9	1400mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
4	216	MXS40 CGDX	2739	23.5	2.7	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
2745 to 2800	2.2	5.3	0.8	
to				
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
2745 to 2769	6-10	.046	.041	.007	.001	.003	
2769 to 2802	7-31	.156	.111	.022	.002	.009	
to							
to							
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth
		1035 kg/m3 @ 2802 md

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0		
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-10	R. Strickland

Interval	Description
2745m – 2800m	Winterhouse Formation: Sandstone: 40%, white, off white, medium to light gray, fine to medium grained, subround, moderate sorted, abundant quartzite, strong indurated matrix, predominately quartz, calcareous and siliceous cement, tight, no shows. Shale : 35%, grey, dark grey, blocky to platy, firm to hard, subfissile, argillitic, micro micaceous, calcareous, siliceous in part, occasional waxy green sheen, slickensided. Siltstone: 25%, gray, off white, clear, predominately quartz, occasional feldspar, siliceous, firm to hard, trace friable, occasional chalky white limestone stringers, brittle, tight, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-11**	**5**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	2878	2852.8	76	Winterhouse	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	25	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
2842.3	19.8	275.7	2851.8	19.9	275.3	2861.5	20.7	275.3

Summary of Previous 24 Hours

Drill ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1060	46	9	8.5	1300mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
4	216	MXS40 CGDX	2739	43.7	3.2	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
2802 to 2808	2.5	7.5	1.4	
2809 to 2851	3.8	6.5	2.4	
2851 to 2878	3.9	9.1	2.2	
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
2802 to 2878	16-50	.237	.192	.041	.004	.017	
to							
to							
to							
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth
		1035 kg/m3 @ 2878m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0		
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-11	R. Strickland

Interval	Description
2800m – 2880m	Winterhouse Formation: Sandstone: 40%, white, off white, medium to light gray, fine to medium grained, subround, moderate sorted, abundant quartzite, strong indurated matrix, predominately quartz, calcareous and siliceous cement, tight, no shows. Siltstone: 35%, gray, off white, clear, predominately quartz, occasional feldspar, siliceous, calcareous, firm to hard, trace friable, brittle, abundant chalky white limestone stringers, calcite veinlets, possible faulting, tight, no shows. Shale : 35%, gray, dark to light gray, dark brown, firm to hard, platy to blocky, subfissile, occasional argillitic, calcareous, siliceous in part, brittle, occasional micro micaceous.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-12**	**6**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	2890	2865.7	12	Winterhouse	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	26	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
2861.5	20.7	275.30						

Summary of Previous 24 Hours

Drill ahead; POOH w/ bit #4 & L/D bit #4 & mud motor; RIH w/ bit #5 & new mud motor; Wash to bottom @2890m

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1060	46	9	9	1300mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
4	216	mxs40 cdgx	2739	46.3	3.3	Last casing(size/Depth 220@ 2341
5	216	mxs40cg	2890			Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
2878 to 2889	3.2	7.2	2.5	
2889 to 2890	1.8	1.8	1.8	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
2878 to 2881	21-35	.163	.145	.027	.002	.011	
2881 to 2890	17-19	.092	.076	.014	.001	.005	
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/ Depth	Est. Pore Pressure	Depth
0.4%	0.04%	19.5hrs	2889				1035 kg/m3 @	2990m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0		
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-12	R. Strickland

Interval	Description
2880m – 2890m	Winterhouse Formation: Siltstone: 40%, gray, off white, clear, predominately quartz, occasional feldspar, siliceous, calcareous, firm to hard, trace friable, brittle, abundant chalky white limestone stringers, calcite veinlets, possible faulting, trace glauconite, tight, no shows. Sandstone: 30%, white, off white, medium to light gray, fine to medium grained, subround, moderate sorted, abundant quartzite, strong indurated matrix, predominately quartz, calcareous and siliceous cement, tight, no shows. Shale : 30%, gray, dark to light gray, dark brown, firm to hard, platy to blocky, subfissile, occasional argillitic, calcareous, siliceous in part, brittle, occasional micro micaceous.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-13**	**7**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	2946	2917.5	56	Winterhouse	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	27	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
2908.90	22.40	276.0	2918.50	21.90	278.1	2928.10	20.70	277.1

Summary of Previous 24 Hours

Drill ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1060	44	9	9	1100mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
5	216	mxs40cg	2890	18.8	3.0	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
2890 to 2924	2.7	4.2	1.5	
2924 to 2946	3.5	6.3	2.0	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
2890 to 2911	10-16	.069	.066	.012		.005	
2911 to 2926	13-22	.128	.066	.011		.004	
2926 to 2946	9-12	.065	.040	.010		.003	
to							
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1035 kg/m3 @ 2946m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0		
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-13	R. Strickland

Interval	Description
2890m – 2945m	**Winterhouse Formation:** Siltstone: 50%,.gray, off white, clear, predominately quartz, occasional feldspar, very siliceous, very calcareous, firm to hard, brittle, abundant chalky white limestone stringers, trace glauconite, argillaceous, occasional pyrite nodules, tight, no shows. Sandstone: 30%, white, off white, medium to light gray, fine to medium grained, subround, moderate sorted, abundant quartzite, strong indurated matrix, predominately quartz, calcareous and siliceous cement, tight, no shows. Shale : 20%, gray, dark to light gray, light green, firm to hard, platy to blocky, calcareous, siliceous in part, brittle, occasional micro micaceous, trace slickensides.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-14**	**8**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3020	2987.3	74	Winterhouse	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	28	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
2975.4	20.3	277.8	2984.6	20.5	277.8	2994.2	20.9	277.8

Summary of Previous 24 Hours

Drill ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1060	43	9	8.8	1200mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
5	216	mxs40cg	2890	38.5	3.4	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
2946 to 2952	4.4	6.1	2.3	
2952 to 2974	3.5	5.7	1.7	
2974 to 2978	5.1	7.9	3.8	
2978 to2991	3.5	5.7	1.9	
2991 to3020	3.6	8.6	1.7	
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
2946 to 2960	10-13	.059	.048	.015		.003	
2960 to 2978	14-16	.074	.054	.028		.004	
2978 to 2986	14-19	.082	.059	.038		.004	
2986 to 2990	20-23	.127	.067	.031		.004	
2990 to 3003	13-18	.083	.054	.031		.004	
3003 to 3009	10-12	.053	.038	.021		.004	
3009 to 3020	4-10	.042	.028	.027		.002	

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1035 kg/m3 @ 3020m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0		
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-14	R. Strickland

Interval	Description
2945m – 3015m	**Winterhouse Formation:** Siltstone: 40%, gray, off white, clear, predominately quartz, trace feldspar, occasional siliceous, very calcareous, firm to hard, brittle, abundant chalky white limestone stringers, argillaceous, tight, no shows. Shale: 35%, gray, dark to light gray, medium brown, firm to hard, platy to blocky, occasional subfissile, calcareous, brittle, occasional micro micaceous. Sandstone: 25%, gray, dark to medium gray, white, clear, fine to medium grained crystalline, subround, moderate sorted, quartzitic, strong indurated matrix, predominately quartz, frequent calcareous and siliceous cement, tight, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-15**	**9**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3089	3052.2	69	Winterhouse	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	29	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3051.5	18.5	278.8	3061.2	18.6	277.8	3070.8	19.3	277.8

Summary of Previous 24 Hours

Drill ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1065	44		9.0	1300mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
5	216	mxs40cg	2890	58.1	3.4	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3020 to 3026	3.1	3.5	1.9	
3026 to 3060	4.3	6.9	2.1	
3060 to 3068	2.5	3.1	1.5	
3068 to 3075	3.5	6.8	2.5	
3075 to 3089	2.8	6.7	1.2	
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3020 to 3035	10-14	.585	.041	.031		.002	
3035 to 3052	15-23	.111	.068	.042		.004	
3052 to 3072	14-17	.097	.056	.015		.003	
3072 to 3089	5-12	.059	.044	.014		.003	
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3089m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0		
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-15	R. Strickland

Interval	Description
3015m – 3085m	**Winterhouse Formation:** Siltstone: 40% off white, clear, medium to dark gray, predominately quartz, occasional feldspar, occasional siliceous, very calcareous, firm to hard, brittle, abundant chalky white limestone stringers, argillaceous, trace light brown cryptocrystalline limestone, tight, no shows. Shale: 30%, gray, dark to light gray, light green, firm to hard, platy to blocky, occasional subfissile, calcareous, brittle, micro micaceous, common slickenside Sandstone: 30%, white, clear, medium to dark gray, fine to medium grained crystalline, subround, moderate sorted, quartzitic, strong indurated matrix, predominately quartz, frequent calcareous and siliceous cement, tight, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-16**	**10**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3108	3070	19	Winterhouse	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	30	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3080.9	19.8	278.1	3089.9	20.1	278.8			

Summary of Previous 24 Hours

Drill ahead; POOH for a bit change; Work on breakout cathead, air hose to low clutch & air leak to rotary drive; Slip & cut drill line; Rig service & function test upper pipe rams; Change out bit & service MWD tool; RIH w/ bit #6.

Operations Forecast (next 24 Hours)

Continue RIH & drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1060	44		9.0	1300mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
5	216	mxs40cg	2890	63.8	3.4	Last casing(size/Depth 220@ 2341
6	216	mxs35cg	3108			Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3089 to 3097	3.8	5.6	2.9	
3097 to 3108	2.9	3.4	1.8	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3089 to 3107	5-8	.039	.028	.006		.002	
to							
to							
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3108m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0		
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-16	R. Strickland

Interval	Description
3085m – 3108m	**Winterhouse Formation:** Siltstone: 30% off white, clear, medium to dark gray, predominately quartz, occasional feldspar, occasional siliceous, very calcareous, firm to hard, brittle, argillaceous, tight, no shows. Sandstone: 25%, white, clear, medium to dark gray, fine to medium grained crystalline, subround, moderate sorted, quartzitic, strong indurated matrix, predominately quartz, frequent calcareous and siliceous cement, tight, no shows. Shale: 25%, gray, dark to light gray, light green, firm to hard, platy to blocky, occasional subfissile, calcareous, brittle, micro micaceous, occasional slickensides. Limestone: 20% light brown, buff, cream, firm to friable, crumbly white, cryptocrystalline to microcrystalline, micritic, interclastic, occasional white calcite rhombs, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-17**	**11**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3154	3113.7	47	Lourdes	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	31	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3118.7	19.2	277.1	3128.3	19.2	275.6	3137.8	19.5	274.9

Summary of Previous 24 Hours

Drilling ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1070	45		8.5	1400mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
6	216	mxs35cg	3108	14.3	3.3	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3107 to 3127	2.9	4.0	1.8	
3127 to 3143	2.6	3.7	2.3	
3143 to 3149	3.5	4.9	2.5	
3149 to 3154	2.1	2.6	1.8	
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3107 to 3123	4-8	.021	.013	.009	.001	.004	
3123 to 3134	3-4	.018	.013	.002		.001	
3134 to 3143	4	.022	.015	.002		.001	
3143 to 3154	4-8	.035	.024	.032		.001	
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3154m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-17	R. Strickland

Interval	Description
	Winterhouse Formation:
3108m – 3115m	Siltstone: 30% off white, clear, medium to dark gray, predominately quartz, occasional feldspar, occasional siliceous, very calcareous, firm to hard, brittle, argillaceous, tight, no shows. Limestone: 30% light brown, buff, cream, firm to friable, crumbly white, cryptocrystalline to microcrystalline, micritic, interclastic, occasional white calcite rhombs, dense, no shows. Sandstone: 20%, white, clear, medium to dark gray, fine to medium grained crystalline, subround, moderate sorted, quartzitic, strong indurated matrix, predominately quartz, frequent calcareous and siliceous cement, tight, no shows. Shale: 20%, gray, dark to light gray, light green, firm to hard, platy to blocky, occasional subfissile, calcareous, brittle, micro micaceous, occasional slickensides.
3115m	**Lourdes Formation**
3115m – 3150m	Limestone: 95%, light brown, buff cream, gray brown, firm to hard, crumbly white, cryptocrystalline to microcrystalline, micritic, interclastic, occasional white crystalline calcite, argillaceous, trace disseminated pyrite, dense, no shows. Shale: 5%, gray, gray green, firm to hard, platy to blocky, calcareous, brittle, micro micaceous, trace slickenside.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-18**	**12**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3221	3177.7	67	Lourdes	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	32	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3176.2	18.5	278.8	3185.1	18.1	278.8	3194.7	18.2	278.5

Summary of Previous 24 Hours

Drilling ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1075	46		8.5	1400mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
6	216	mxs35cg	3108	34.1	3.34	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3154 to 3174	3.53	6.7	1.7	
3174 to 3178	2.81	3.5	2.1	
3178 to 3187	4.89	6.7	3.0	
3187 to 3192	2.95	3.8	2.3	
3192 to 3221	3.39	4.5	1.9	
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3154 to 3163	8-10	.044	.034	.005		.002	
3163 to 3168	11-15	.098	.037	.006		.003	
3168 to 3179	6-10	.038	.026	.004		.002	
3179 to 3196	5-7	.027	.017	.003		.002	
3196 to 3203	4-5	.024	.013	.002		.001	
3203 to 3221	3-4	.019	.011	.002		.001	

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3221m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-18	R. Strickland

Interval	Description
3115m	**Lourdes Formation**
3150m – 3215m	Limestone: 95%, light brown, buff cream, gray brown, firm to hard, occasional brittle, crumbly white, cryptocrystalline to microcrystalline, micritic, interclastic, argillaceous, occasional disseminated pyrite, sandy, dense, no shows. Shale: 5%, gray, gray green, firm to hard, platy to blocky, calcareous, brittle, argillitic.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-19**	**13**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3270	3223.7	49	Lourdes	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	33	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3223.4	18.9	277.4	3233.0	19.3	276.0	3242.7	20.0	276.0

Summary of Previous 24 Hours

Drilling ahead.

Operations Forecast (next 24 Hours)

POOH for bit change; RIH; Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1080	45		9.0	1400mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
6	216	mxs35cg	3108	52.47	3.11	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3221 to 3235	3.13	3.9	1.7	
3235 to 3250	2.43	2.9	1.6	
3250 to 3263	3.19	3.8	1.5	
3263 to 3270	2.1	3.4	1.5	
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3221 to 3241	3-5	.019	.011	.001			
3241 to 3244	30-17	.169	.064	.008			
3244 to 3254	3-7	.018	.017	.002			
3254 to 3265	1-3	.009	.007	.001			
3265 to 3270	2-3	.012	.009	.001			
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3270m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-19	R. Strickland

Interval	Description
3115m	**Lourdes Formation**
3215m – 3255m	Limestone: 60%, light brown, buff cream, gray brown, firm to hard, occasional brittle, crumbly white, cryptocrystalline to microcrystalline, micritic, interclastic, argillaceous, occasional fine disseminated pyrite, sandy, frequent imbedded very fine vitreous rounded quartz grains, dense, no shows. Sandstone: 30%, clear, white, light to medium gray, very fine to medium grained, moderate sorted, subround, mainly quartz, well consolidated, very calcareous, frequent feldspar and mica matrix, argillaceous, grading graywacke, tight, no shows. Shale: 10%, gray green, platy to blocky, earthy, firm to hard, brittle, slightly calcareous.
3255m – 3265m	Limestone: 90%, buff, cream, light brown, firm to hard, occasional brittle, cryptocrystalline, occasional microcrystalline, micritic, interclastic, frequent imbedded fine vitreous rounded quartz grains, trace stylolite, grading fine grained sandstone, dense, no shows. Shale: 10%, gray, gray green, platy to blocky, earthy, firm to hard, brittle, slightly calcareous.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-20**	**14**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3270	3223.7	0	Lourdes	RIH

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	34	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction

Summary of Previous 24 Hours

POOH w/ bit # 6; Change failed mud motor; Function blind rams; M/U bit, GR & BHA; SCR failure – repair; RIH to 1128m, slip & cut; Install MWD shaft coder & calibrate.

Operations Forecast (next 24 Hours)

Continue RIH; Run GR over 3080 to 3140m; Wash to btm & drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1080	44		9.0	1400mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
7	216	mx30g	3270			Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
to				
to				
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
to							
to							
to							
to							
to							
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1035 kg/m3 @ 3270m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-20	R. Strickland

Interval	Description
3115m	**Lourdes Formation**
3265m – 3270m	Limestone: 80%, buff, cream, light brown, firm to hard, occasional brittle, cryptocrystalline, occasional microcrystalline, micritic, interclastic, frequent imbedded fine vitreous rounded quartz grains, trace stylolite, grading fine grained sandstone, dense, no shows. Shale: 20%, gray, gray green, platy to blocky, earthy, firm to hard, brittle, slightly calcareous.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-21**	**15**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3291	3243.1	21	Lourdes	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	35	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3252.3	20.3	276.7	3261.5	20.5	277.4	3270.9	20.5	277.4

Summary of Previous 24 Hours

Continue RIH; Log GR from 3081m to 3142m; Wash to btm & drill ahead as per directional plan.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1085	44		8.0	1300mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
7	216	mx30g	3270	9.2	2.3	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3270 to 3275	1.64	2.1	1.3	
3275 to 3282	2.82	3.1	2.5	
3282 to 3284	1.69	1.7	1.5	
3284 to 3291	2.40	3.3	1.5	
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3270 to 3274	2-4	.014	.011				
3274 to 3278	0.8-1.5	.005	.004				
3278 to 3282	1-4	.012	.008				
3282 to 3291	1-2	.008	.005				
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3291m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0		
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-21	R. Strickland

Interval	Description
3115m	**Lourdes Formation**
3270m - 3285	Limestone: 70%, mottled gray, off white, cream, light brown, firm to hard, occasional brittle, cryptocrystalline to microcrystalline, micritic, interclastic, occasional imbedded vitreous rounded quartz grains, dense, no shows. Sandstone: 20%, light green, white, clear, very fine to fine grained, subround, moderate sorted, predominately quartz, hard, brittle, frequent imbedded round quartz grains in quartz, feldspar, mica matrix, argillaceous, calcareous, grading siltstone, tight, no shows. Shale: 10%, gray, gray green, platy to blocky, occasional subfissile, earthy, firm to hard, brittle, slightly calcareous, micromicaceous.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-22**	**16**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3335	3284.5	44	Goose Tickle	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	36	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3299.3	19.4	278.1	3308.9	18.5	278.8	3318.4	17.8	280.2

Summary of Previous 24 Hours

Drilling ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1075	45		9.0	1300mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
7	216	mx30g	3270	30.1	2.16	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3291to 3299	2.11	2.8	1.3	
3299 to 3308	3.22	4.3	2.5	
3308 to 3313	1.73	2	1.3	
3313 to 3326	2.36	3.2	1.6	
3326 to 3335	2.15	3.1	1.6	
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3219 to 3298	1-10	.028	.022	.003	.001	.001	
3298 to 3314	10-18	.0725	.058	.007	.001	.002	
3301 to 3304	**97-212**	**1.013**	**.606**	**.078**	**.006**	**.017**	
3314 to 3335	13-24	.095	.073	.012	.001	.004	
to							
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1035 kg/m3 @ 3335m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-22	R. Strickland

Interval	Description
3115m	**Lourdes Formation**
3285m – 3293m	Limestone: 70%, mottled gray, off white, cream, light brown, firm to hard, occasional brittle, cryptocrystalline to microcrystalline, micritic, interclastic, occasional imbedded vitreous rounded quartz grains, dense, no shows. Sandstone: 20%, gray, light green, off white, very fine to fine grained, subround, moderate sorted, predominately quartz, occasional round vitreous quartz grains, trace feldspar, argillaceous, calcareous, grading siltstone, tight, no shows. Shale: 10%, gray, gray green, platy to blocky, occasional subfissile, earthy, firm to hard, brittle, slightly calcareous, micromicaceous.
3293m	**Goose Tickle Formation**
3293m – 3330m	Shale: 70%, gray, gray green, light brown, blocky to subfissile, firm to hard, brittle, elongated, silty, micromicaceous, fine grained disseminated pyrite, slightly calcareous, trace pyrite, occasional slickenside. Sandstone: 30%, gray, gray green, off white, clear, fine to medium grained, subangular, moderate sorted, feldspar + quartz + chlorite matrix, occasional imbedded subangular vitreous quartz grains, graywacke, flysch derived, tight, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-23**	**17**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3378	3325.5	43	Goose Tickle	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	37	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3337.3	17.0	284.1	3346.7	16.7	284.4	3356.4	17.1	284.1

Summary of Previous 24 Hours

Drilling ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1080	44		9.0	1200mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
7	216	mx30g	3270	48.9	2.21	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3335to 3346	2.86	3.9	2	
3346 to 3350	1.23	1.9	1	
3350 to 3357	2.23	3.9	2	
3357 to 3362	1.56	1.8	1.4	
3362 to 3371	2.72	3.7	2.1	
3371to 3378	1.98	2.5	1.5	

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3335 to 3364	12-21	.074	.072	.011	.002	.004	
3364 to 3368	14-28	.098	.076	.013	.002	.004	
3368 to 3378	14-19	.083	.061	.013	.004	.004	
to							
to							
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1035 kg/m3 @ 3378m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-23	R. Strickland

Interval	Description
3293m	**Goose Tickle Formation**
3330m – 3375m	Shale: 80%, gray, gray green, light brown, blocky to platy, occasional subfissile, firm to hard, brittle, elongated, silty, micromicaceous, trace fine grained disseminated pyrite, slightly calcareous, occasional slickenside. Sandstone: 20%, gray, gray green, off white, clear, fine to medium grained, subangular, moderate sorted, feldspar + quartz + chlorite matrix, occasional imbedded subangular vitreous quartz grains, graywacke, flysch derived, tight, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-24**	**18**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3420	3366.1	42	Goose Tickle	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	38	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Dire278.8ction
3384.4	18.1	280.2	3393.9	19.3	279.2	3402.7	20.4	

Summary of Previous 24 Hours

Drilling ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1090	46		9.0	1200mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
7	216	mx30g	3270	69.2	2.17	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3378to 3388	2.52	3.7	2	
3388 to 3398	1.8	2.38	1.18	
3398 to 3402	2.3	2.92	1.74	
3402 to 3407	1.4	1.8	1.1	
3407 to 3415	2	2.3	1.23	
3415to 3420	2.23	2.8	1.7	

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3378to 3391	15-22	.086	.072	.013	.001	.004	
3391 to 3401	14-18	.076	.065	.013	.001	.003	
3401 to 3405	12-21	.079	.066	.013	.001	.004	
3405 to 3420	11-18	.065	.058	.009	.002	.004	
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3420m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)		Actual Measured(m)	Actual TVD(m)	
Winterhouse	2300.0					
Lourdes	3118.0	3080.0		3115.0	3076.8	
Goose Tickle	3287.0	3240.0		3293.0	3245.0	
Table Point	3490.0	3432.0				
Aguathuna	3501.0	3443.0				

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-24	R. Strickland

Interval	Description
3293m 3375m – 3415m	**Goose Tickle Formation** Shale: 70%, gray, gray green, mottled light brown, blocky to platy, occasional subfissile, firm to hard, brittle, silty, micromicaceous, trace fine grained disseminated pyrite, slightly calcareous, occasional slickensides. Sandstone: 30%, gray, gray green, clear, off white, fine to medium grained, subangular, moderate sorted, feldspar + quartz + chlorite matrix, calcareous cement, frequent subround vitreous quartz grains, graywacke, flysch derived, tight, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-25**	**19**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3466	3408.7	46	Table Cove	POOH for bit change

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	39	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3430.3	20.5	280.6	3439.4	19.4	281.3	3449.2	18.5	280.9

Summary of Previous 24 Hours

Drilling ahead; POOH for bit change;

Operations Forecast (next 24 Hours)

POOH, L/D directional tools; Change bit; Slip & cut; Pressure test BOP's; RIH w/ bit # 8.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1090	45		9.5	1300mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
7	216	mx30g	3270	87	2.25	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3420to 3431	2.3	3.6	1.6	
3431 to 3449	2.7	4.2	1.8	
3449 to 3466	2.2	3.8	0.9	
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3420to 3430	19-29	.143	.118	.018	.003	.006	
3430 to 3440	11-23	.114	.085	.018	.003	.006	
3440 to 3450	16-25	.124	.101	.016	.003	.005	
3450 to 3466	15-24	.119	.093	.015	.001	.004	
to							
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1035 kg/m3 @ 3466m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-25	R. Strickland

Interval	Description
3293m	**Goose Tickle Formation**
3415m – 3446m	Shale: 70%, gray, gray green, mottled light brown, blocky to platy, firm to hard, brittle, silty, micromicaceous, trace fine grained disseminated pyrite, slightly calcareous, occasional slickenside. Sandstone: 30%, gray, gray green, clear, off white, fine to medium grained, occasional coarse grained, subangular, moderate sorted, feldspar + quartz + chlorite matrix, calcareous cement, occasional coarse round vitreous quartz grains, conglomeratic, flysch derived, tight, no shows.
3446m	**Table Cove Formation**
3446m – 3466m	Shale: 70%, dark brown, dark gray, gray brown, blocky to platy, subfissile, elongated, firm, silty, frequent pyrite nodules slightly calcareous. Sandstone: 20%, gray, gray green, clear, off white, fine to medium grained, subangular, moderate sorted, feldspar + quartz + chlorite matrix, calcareous cement, occasional coarse round vitreous quartz grains, flysch derived, tight, no shows. Limestone: 10%, mottled light brown, off white, cream, micrite, microcrystalline to cryptocrystalline, firm to hard, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-26**	**20**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3466	3408.7	0	Table Cove	RIH w/ bit # 8

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	40	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction

Summary of Previous 24 Hours

POOH w/ bit # 7; Pressure test BOP's; Repair cathead; Slip & cut; RIH w/ bit #8RR

Operations Forecast (next 24 Hours)

Continue to RIH w/ bit # 8; Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1095	45		9.0	1400mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
8	216	Xlr20dd	3467			Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
to				
to				
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
to							
to							
to							
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3466m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)		Actual Measured(m)	Actual TVD(m)	
Winterhouse	2300.0					
Lourdes	3118.0	3080.0		3115.0	3076.8	
Goose Tickle	3287.0	3240.0		3293.0	3245.0	
Table Cove				3446.0	3389.5	
Table Point	3490.0	3432.0				
Aguathuna	3501.0	3443.0				

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-27**	**21**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3477	3419	10	Table Cove	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	41	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction

Summary of Previous 24 Hours

Continue RIH & drill ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per directional plan.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1095	45		8.5	1400mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
8	216	xlr20dd	3467	8.33	1.2	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3467to 3477	1.2	2.5	0.98	
to				
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3467to 3477	6.5-21	.108	.078	.014	.002	.003	
to							
to							
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3477m MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0		
Aguathuna	3501.0	3443.0		

Remarks: GR sensor 4.27 m from bit.

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-27	R. Strickland

Interval	Description
3446m 3466m - 3477m	**Table Cove Formation** Shale: 80%, dark brown, dark gray, gray brown, blocky to platy, subfissile, elongated, firm, silty, occasional pyrite nodules slightly calcareous. Sandstone: 10%, gray, gray green, clear, off white, fine to medium grained, subangular, moderate sorted, feldspar + quartz + chlorite matrix, calcareous cement, occasional coarse round vitreous quartz grains, flysch derived, tight, no shows. Limestone: 10%, mottled light brown, off white, cream, micrite, microcrystalline to cryptocrystalline, intraclastic, firm to hard, brittle, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-09-28**	**22**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3493	3434	16	Table Point	POOH

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	42	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3469.5	18.3	279.2	3478.6	16.6	281.3	3485.6	15.29	282.92

Summary of Previous 24 Hours

Continue RIH & drill ahead to Csg point @ 3493m MD

Operations Forecast (next 24 Hours)

Condition hole for logging; POOH; RIH mill and dress window; POOH & rig up for three logging runs.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
	Gel/Chem	1085	44		9.0	1400mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
8	216	xlr20dd	3467	21.3	1.22	Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) @

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3477 to 3480	1.1	1.5	0.8	
3480 to 3493	1.2	3.2	1.0	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3477 o 3480	4.5-6.2	.028	.028	.006	.001	.000	
3480 to 3489	18-35	.195	.130	.019	.001	.004	
3489 to 3493	8-17	.099	.065	.008	.005	.002	
to							
to							
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1035 kg/m3 @ 3493MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0		

Remarks: GR sensor 4.27 m from bit.

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-09-28	R. Strickland

Interval	Description
3446m	**Table Cove Formation**
3477 – 3487.6	Shale: 60% light green, medium gray, brown, blocky to platy, subfissile, elongated, firm, silty, occasional fine disseminated pyrite, non calcareous. Sandstone: 20%, white, cream, very fine to fine grained, subround, well sorted, silty, argillaceous, calcareous cement, moderate to well indurated, tight, no shows. Limestone: 20%, white, off white, cream, light brown, microcrystalline to cryptocrystalline, micritic, firm to medium hard, blocky, sandy, trace peloids and stylolites, dense, no shows.
3487.6m	**Table Point Formation**
3487.6 - 3493	Limestone: 80%, off white, white, light brown, microcrystalline to cryptocrystalline, micritic, intraclastic, blocky to platy, firm to hard, brittle, slightly stylolitic and peloidal, trace carbonaceous flakes, dense, no shows. **TD (Set Casing)** Shale: 20%, light green, medium gray, brown, blocky to platy, subfissile, elongated, firm, silty, occasional fine disseminated pyrite, non calcareous.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-10-05**	**23**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3493	3434	0	Table Point	Drilling out cement

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	49	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction

Summary of Previous 24 Hours

Run in hole w/ drill string; conduct a formation LOT; run to TD and drill out cement top @ 3454m

Operations Forecast (next 24 Hours)

Drill out of shoe and drill ahead.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1612 kg/m^3 @ 2339m	Gel/Chem	1095	44		8.5	1400mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
9	152	Hughes STX30	3493			Last casing(size/Depth 220@ 2341 Next Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
to				
to				
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3450 to 3469	1-3	.013	.012	.003	.001	.001	
to							
to							
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3493MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)		Actual Measured(m)	Actual TVD(m)	
Winterhouse	2300.0					
Lourdes	3118.0	3080.0		3115.0	3076.8	
Goose Tickle	3287.0	3240.0		3293.0	3245.0	
Table Cove				3446.0	3389.5	
Table Point	3490.0	3432.0		3487.6	3429.2	
Aguathuna	3501.0	3443.0				

Remarks:

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-10-05	R. Strickland

Interval	Description
3487.6m	**Table Point Formation**
3454m – 3469m	Cement: 95%, light brown, very fine to fine grained, firm. Limestone: 5%, off white, white, light brown, microcrystalline to cryptocrystalline, micritic, intraclastic, blocky to platy, firm to hard, brittle, slightly stylolitic and peloidal, trace carbonaceous flakes, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-10-06**	**24**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3518	3458	25	Table Point	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	50	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction

Summary of Previous 24 Hours

Drilling out cement and drilling ahead

Operations Forecast (next 24 Hours)

Drilling ahead as per program

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1612 kg/m^3 @ 2339m	Gel/Chem	1100	40		9.0	1300mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
9	152	Hughes STX30	3493	14.7	1.7	Last Casing (size/Depth 220@ 2341 Next Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3493 to 3497	1.3	1.6	1.0	
3497 to 3500.5	2.2	3.2	1.4	
3500.5 to 3514	1.6	2.2	0.9	
3514 to 3518	1.8	2.3	1.3	
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3493 to 3502	4.3 – 8.9	.048	.034	.004	.001	.001	
***3499.5 to 3500.5**	**145 – 207**	**1.18**	**.0742**	**.092**	**.008**	**.023**	Significant Gas
3502 to 3508	2.7 – 5.9	.033	.017	.004	.001	.002	
3508 to 3518	2.8 – 14.7	.081	.054	.007	.001	.002	
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3518MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0		

Remarks:

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-10-06	R. Strickland

Interval	Description
3487.6m	**Table Point Formation**
3493m – 3515m	Limestone: 100%, off white, white, light brown, microcrystalline to cryptocrystalline, micritic, intraclastic, blocky to platy, firm to hard, brittle, slightly stylolitic, trace yellow pin point cut fluorescence, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-10-07**	**25**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3536	3474.7	18	Table Point	RIH @ 598m

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	51	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction

Summary of Previous 24 Hours

Drilling ahead; POOH for bit change.

Operations Forecast (next 24 Hours)

RIH w/ bit # 10; Drilling ahead as per program.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1612 kg/m^3 @ 2339m	Gel/Chem	1110	47	9.0	8.5	900mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
9	152	Hughes STX30	3493	27.0	1.6	Last Casing (size/Depth 220@ 2341 Next Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3518 to 3524	1.3	1.9	1.2	
3524 to 3536	1.4	2.6	1.1	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3518 to 3523	1.8-4.7	.022	.022	.001	.001	.001	
3523 to 3535	0.41-2.7	.016	.010	.001	.001	.001	
to							
to							
to							
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1035 kg/m3 @ 3536MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0		

Remarks:

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-10-07	R. Strickland

Interval	Description
3487.6m	**Table Point Formation**
3515m – 3533m	Limestone: 100%, off white, white, light brown, microcrystalline to cryptocrystalline, micritic, intraclastic, blocky to platy, firm to hard, brittle, slightly stylolitic, disseminated very fine grained pyrite, frequent clear to white calcite rhombs, trace light green argillite, slightly dolomitic, dense, moderate to trace yellow blooming cut fluorescence.
3533m – 3535m	Limestone: 100%, light brown, off white, white, trace dark gray, microcrystalline to cryptocrystalline, micritic, intraclastic, blocky to platy, firm to hard, brittle, slightly stylolitic, disseminated fine grained pyrite, trace light green argillite, slightly dolomitic, dense, abundant bright yellow blooming cut fluorescence, trace light brown residue.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-10-08**	**26**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3554.5	3492.2	18.5	Table Point	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	52	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction

Summary of Previous 24 Hours

RIH w/ bit # 10; Drill ahead.

Operations Forecast (next 24 Hours)

Drilling ahead as per program.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1612 kg/m^3 @ 2339m	Gel/Chem	1110	47	9.0	8.5	900mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
10	152	Hughes STX40	3536	14.0	1.3	Last Casing (size/Depth 220@ 2341 Next Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3536 to 3543	1.2	1.7	0.8	
3543 to 3554	1.5	3.4	0.8	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3536 to 3540	0.6-5.6	.029	.023	.002		.001	
3540 to 3550	0.5-1.9	.009	.008	.001			
3550 to 3554	0.2-1.8	.011	.072	.002			
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3554.5MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0		

Remarks:

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-10-08	R. Strickland

Interval	Description
3487.6m	**Table Point Formation**
3535m – 3550m	Limestone: 100%, off white, white, light brown, microcrystalline to cryptocrystalline, micritic, intraclastic, blocky to platy, firm to hard, brittle, slightly stylolitic, occasional clear to white calcite rhombs, trace light green argillite, trace dolomitic, dense, moderate to trace yellow blooming cut fluorescence in washed sample, abundant yellow blooming cut fluorescence in unwashed sample.
3550m-3552.5m	Limestone: 100%, off white, white, light brown, microcrystalline to cryptocrystalline, micritic, intraclastic, blocky to platy, firm to hard, brittle, slightly stylolitic, occasional clear to white calcite rhombs, trace light green argillite, occasional light brown dolomite slightly sucrosic, dense, moderate to trace yellow blooming cut fluorescence in washed sample, abundant yellow blooming cut fluorescence in unwashed sample.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-10-09**	**27**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3596	3531	42	Catoche (CostaBayMb)	Off bottom (Checking for Washout)

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	53	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction

Summary of Previous 24 Hours

Drill ahead.

Operations Forecast (next 24 Hours)

Trip for washed drill pipe.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1612 kg/m^3 @ 2339m	Gel/Chem	1105	49	7.8	8.5	900mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
10	152	Hughes STX40	3536	35.2	1.7	Last Casing (size/Depth 220@ 2341 Next Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3554 to 3558	1.4	1.5	1.2	
3558 to 3567	2.2	32.8	1.6	
3567 to 3576	2.3	7.6	1.4	
3576 to 3590	1.6	2.8	1.3	
3590 to 3596	2.5	8.5	1.9	
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3562.5 to 3564.5	330-487	3.22	1.19	.264	.034	.097	**All intervals are for significant Gas responses.**
3565 to 3569	23-75	.509	.178	.041	.005	.016	
3572 to 3574	72-146	.958	.061	.017	.003	.007	
3574.5 to 3576	70-231	1.51	.554	.141	.019	.056	
3590.5 to 3593	36-141	.949	.329	.074	.018	.032	
@3596	22.5	.145	.054	.012	.002	.007	

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3596 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9

Remarks:

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-10-09	R. Strickland

Interval	Description
3487.6m	**Table Point Formation**
3552.5m-3562m	Limestone: 100%, off white, white, light brown, microcrystalline to cryptocrystalline, micritic, intraclastic, blocky to platy, firm to hard, brittle, slightly stylolitic, occasional clear to white calcite rhombs, trace light green argillite, trace dolomitic, dense, moderate to trace yellow blooming cut fluorescence in washed sample, abundant yellow blooming cut fluorescence in unwashed sample.
3562m	**Aguathuna Formation**
3562m – 3583m	Dolomite: 80%, medium to light brown, off white, mottled, microcrystalline to coarse crystalline, sucrosic, blocky, angular, soft to firm, occasional white dolomite veinlets, trace green shale with fine disseminated pyrite, poor porosity, moderate to faint hydrocarbon odour, patchy to even bright blooming yellow fluorescence when 10% hydrochloric acid is added, fast to faint bright yellow crush to blooming cut fluorescence. (See more detailed summary in the attachment for 10092001) Limestone: 20%, off white, white, microcrystalline to cryptocrystalline, micritic, blocky to platy, firm to hard, brittle, frequent translucent to transparent conchoidal chert, dense, no shows.
3583m	**Catoche Formation (Costa Bay member)**
3583m-3595m	Limestone: 70%, white, buff, light brown, massive, peloidal, mainly cryptocrystalline to occasional microcrystalline, blocky, firm to hard, brittle, disseminated pyrite, dense, no shows. Dolomite: 20%, medium to light brown, off white, microcrystalline to coarse crystalline, slightly sucrosic, blocky, angular, firm to hard, poor to no visible porosity, minor pin point yellow fluorescence when 10% hydrochloric added, very faint yellow blooming cut fluorescence. Shale: 10%, light green, firm, subfissile, elongated, waxy, trace disseminated pyrite, interbedded with limestone.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-10-10**	**28**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3596	3531	0	Catoche (CostaBayMb)	Rigging down Baker wireline

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	54	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3597.4	20.1	280.0						

Summary of Previous 24 Hours

Identify washout pipe; POOH; Rig up Baker wireline; Complete 4 runs; Run#1=MAC; Run#2=ZDEN; Run#3=HDIL; Run#4=CBIL/HexDip.

Operations Forecast (next 24 Hours)

Rig down Baker Wireline; Rig up to run DST; Test open hole.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1612 kg/m^3 @ 2339m	Gel/Chem	1105	45	7.8	8.6	900mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
10	152	Hughes STX40	3536	35.2	1.7	Last Casing (size/Depth 220@ 2341 Next Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
to				
to				
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
to							
to							
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3596 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9

Remarks:

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-10-13**	**29**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3615	3549.5	19	Catoche (CostaBayMb)	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	57	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction

Summary of Previous 24 Hours

Lay down DST tool; RIH w/ bit # 11 & drill ahead.

Operations Forecast (next 24 Hours)

Drill ahead.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1612 kg/m^3 @ 2339m	Gel/Chem	1100	53	10.0	8.5	1500mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
11	152	Hughes STX40	3595	9.9	1.9	Last Casing (size/Depth 220@ 2341 Next Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3598 to 3604	2.6	8.0	1.8	
3604 to 3614	1.4	2.6	0.9	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3596	**3808.1**	**18.8**	**10.6**	**4.02**	**2.23**	**.914**	**Trip Gas**
3596 to 3603	16-54	.122	.113	.093	.021	.078	
3603 to 3608	8.9-22	.071	.059	.023	.007	.027	
3608 to 3615	2.8-6.8	.013	.007	.007	.003	.014	
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
38.1%	.18%	24.25	3596					1035 kg/m3 @	3596 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)		Actual Measured(m)	Actual TVD(m)	
Winterhouse	2300.0					
Lourdes	3118.0	3080.0		3115.0	3076.8	
Goose Tickle	3287.0	3240.0		3293.0	3245.0	
Table Cove				3446.0	3389.5	
Table Point	3490.0	3432.0		3487.6	3429.2	
Aguathuna	3501.0	3443.0		3562.0	3500.7	
Costa Bay				3583.0	3520.9	

Remarks:

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-10-13	R. Strickland

Interval	Description
3583m	**Catoche Formation (Costa Bay member)**
3595m-3598m	Limestone: 60%, white, buff, light brown, massive, peloidal, mainly cryptocrystalline to occasional microcrystalline, blocky, firm to hard, brittle, disseminated pyrite, dense, no shows. Dolomite: 30%, white, off white, coarse crystalline, slightly sucrosic, blocky, angular, firm to hard, poor porosity, frequent carbonaceous flakes and bitumen staining, abundant live oil in unwashed sample, abundant pin point yellow fluorescence when 10% Hydrochloric added, fast yellow blooming cut fluorescence. (excellent oil show) Shale: 10%, light green, firm, subfissile, elongated, waxy, trace disseminated pyrite, interbedded with limestone.
3598m-3615m	Limestone: 70%, white, buff, light brown, massive, peloidal, frequent stylolites, mainly cryptocrystalline to occasional microcrystalline, blocky, firm to hard, brittle, disseminated pyrite, dense, no shows. Dolomite: 20%, white, off white, cream, coarse crystalline, slightly sucrosic, blocky, angular, firm to hard, occasional carbonaceous flakes, no visible porosity, no shows. Shale: 10%, gray, gray green, firm, platy to subfissile, waxy, slightly calcareous, trace disseminated pyrite.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-10-14**	**30**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3656	3588	42	Catoche	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	58	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction

Summary of Previous 24 Hours

Drilling ahead

Operations Forecast (next 24 Hours)

Drill ahead; POOH to run tie back liner.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1612 kg/m^3 @ 2339m	Gel/Chem	1100	45	10.0	9.0	800mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
11	152	Hughes STX40	3595	32.0	1.9	Last Casing (size/Depth 220@ 2341 Next Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3615 to 3625	1.7	3.3	0.8	
3625 to 3649	1.8	3.1	0.9	
3649 to 3656	2.1	3.2	1.8	
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3615 to 3644	1.3-3.9	.019	.016	.001			
3644 to 3650	1.4-6.2	.035	.022	.002			
3650 to 3656	1.2-7.6	.043	.024	.005			
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3656 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9
Catoche	3622	3558	3630	3564.8

Remarks:

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-10-14	R. Strickland

Interval	Description
3630m	**Catoche Formation (Costa Bay member)**
3615m-3630	Limestone: 80%, white, buff, light brown, massive, peloidal, frequent stylolites, mainly cryptocrystalline to occasional microcrystalline, blocky, firm to hard, brittle, disseminated pyrite, dense, no shows. Dolomite: 10%, white, off white, coarse crystalline, slightly sucrosic, blocky, angular, firm to hard, occasional carbonaceous flakes, no visible porosity, no shows. Shale: 10%, gray, gray green, firm, platy to subfissile, waxy, slightly calcareous, trace disseminated pyrite.
3630m	**Catoche Formation**
3630m-3655m	Limestone: 100%, light brown, off white, white, cream, massive, frequent stylolites, microcrystalline to cryptocrystalline, bioturbated, blocky, firm to hard, brittle, disseminated pyrite, occasional light brown chert, argillaceous, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-12-03**	**31**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3678.5	3609.6	8.5	Catoche	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	108	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3635.6	22.9	280.9	3656.0	23.5	280.2			

Summary of Previous 24 Hours

RIH w/ drilling BHA. P/U in csg to repair both mud pumps.

Operations Forecast (next 24 Hours)

Drill ahead.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1693 kg/m^3 @ 3493m	Gel/Chem	1070	47		10.5	1500mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
16	152	Hughes STX30	3670	5.0	1.7	Last Casing (size/Depth 220@ 2341 Next Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3670 to3674	1.98	2.7	1.3	
3574 to 3678	1.3	1.5	0.9	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3671 to 3678.5	2.1-3.1	.011	.009	.002			
to							
to							
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3678.5 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9
Catoche	3622	3558	3630	3564.8

Remarks:

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-12-05**	**33**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3730	3655.4	18.5	Catoche	RIH @ 1007m

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	110	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3714.4	23	282						

Summary of Previous 24 Hours

Drilling ahead; POOH for bit change; Slip & cut; Function test pipe rams; RIH w/ bit # 17.

Operations Forecast (next 24 Hours)

RIH & drill ahead as per program.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1693 kg/m^3 @ 3493m	Gel/Chem	1090	53		10.5	1600mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
16	152	Hughes STX30	3670	38.6	1.55	Last Casing (size/Depth 220@ 2341 Next Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3711.5 to 3717	2.1	2.4	2.0	
3717 to 3730	1.6	1.8	1.2	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3711.5 to 3715	1.6-1.8	.009	.006	.001			
3715 to 3730	2.2-4.1	.014	.009	.002			
to							
to							
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3730 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9
Catoche	3622	3558	3630	3564.8

Remarks:

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-12-05	R. Strickland

Interval	Description
3630m	**Catoche Formation**
3710m-3715m	Limestone: 90%, light to medium brown, off white, cream, massive, trace stylolites, microcrystalline to cryptocrystalline, occasional coarse crystalline with disseminated pyrite, bioturbated, blocky, firm to hard, brittle, occasional soft to friable, occasional clear to white calcite, frequent argillaceous, dense, no shows. Dolomite: 10%, pale to light brown, white, cream, hard to firm, occasional friable, chalky, blocky, microcrystalline to crystalline, occasional white rhombs, poor porosity, no shows.
3715m-3730m	Limestone: 100%, light to medium brown, off white, cream, massive, frequent stylolites, microcrystalline to cryptocrystalline, occasional coarse crystalline with frequent disseminated pyrite, bioturbated, blocky, hard to firm, brittle, conchoidal, occasional white chalky, trace clear to white calcite, frequent brown argillaceous, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORTAU PORT#1-ST1	**R. Strickland**	**2001-12-06**	**34**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3762	3684.7	18.5	Catoche	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	111	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3740	22.6	281.6						

Summary of Previous 24 Hours

RIH; Conduct pulse test @ 2150m; Rig service & function test remote choke; Wash to btm, no fill; Drill ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per program.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1693 kg/m^3 @ 3493m	Gel/Chem	1080	51		10.5	1600mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	Casing (size/Depth
17	152	Hughes STX40	3730	14.8	2.15	220@ 2341 Last Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3730 to 3734	1.67	1.9	1.3	
3734 to 3747	2.28	3.3	1.8	
3747 to 3761.8	2.21	2.5	2.0	
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3730 to 3732	2.1-2.22	.013	.008	.001			
3732 to 3744	1.4-1.8	.008	.007	.001			
3744 to 3747	2.3-3.9	.020	.008	.002			
3747 to 3758	1.5-1.9	.008	.007	.001			
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1035 kg/m3 @	3762 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)		Actual Measured(m)	Actual TVD(m)	
	2300.0					
Winterhouse						
Lourdes	3118.0				3115.0	
Goose		3080.0			3076.8	
Tickle					3293.0	
Table Cove	3287.0				3245.0	
Table Point		3240.0				
Aguathuna					3446.0	
Costa Bay					3389.5	
Catoche						
					3487.6	
	3490.0				3429.2	
		3432.0				
					3562.0	
	3501.0				3500.7	
		3443.0				
					3583.0	
					3520.9	
					3630	
					3564.8	
	3622					
		3558				

Remarks:

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-12-08**	**36**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3830	3747.5	51.2	Boat Harbour	RIH

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	113	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3816	23	279.3						

Summary of Previous 24 Hours

Drilling ahead; POOH for bit change; P/U new mud motor, MWD GR & directional tools; M/U tri-cone bit; RIH, Slip & cut, rig service, function test HCR.

Operations Forecast (next 24 Hours)

Drill ahead as per program.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1693 kg/m^3 @ 3493m	Gel/Chem	1070	49		10.5	1600mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	Casing (size/Depth 220@ 2341 Last Casing(size/Depth) 178@3493
17	152	Hughes STX40	3730	44.1	2.27	

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3813 to 3824	2.13	2.31	1.93	
3824 to 3830	2.39	2.49	2.25	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3810 to 3820	1.4-1.8	.009	.005	.001			
3820 to 3823	2.1-3.1	.015	.009	.001			
3823 to 3830	1.5-1.9	.008	.006	.001			
to							
to							
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1040 kg/m3 @ 3830 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9
Catoche	3622	3558	3630	3564.8
Boat Harbour	3782	3709	3800	3720.2

Remarks:

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-12-08	R. Strickland

Interval	Description
3800m	**Boat Harbour**
3810m-3830m	Limestone: 70%, off white, cream, light to medium brown, massive, cryptocrystalline to microcrystalline, occasional coarse crystalline with rhombs and disseminated pyrite, trace stylolites, bioturbated, blocky to platy, hard to firm, brittle, abundant white chalky, friable, trace clear to white calcite, occasional argillaceous, frequent oolitic, dense, no shows. Dolomite: 30%, buff, mottled brown, off white, microcrystalline to coarse crystalline, medium hard to firm, blocky to platy, subangular to angular, occasional friable, frequent white to clear dolomite rhombs, poorly sucrosic, moderate indurated, trace light brown chert, no visible porosity, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-12-09**	**37**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3874	3787.8	44	Boat Harbour	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	114	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3836	23.3	276.7	3854	25.1	276.3			

Summary of Previous 24 Hours

Drilling ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per program.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1693 kg/m^3 @ 3493m	Gel/Chem	1070	51		10.5	1600mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	Casing (size/Depth 220@ 2341
18	152	Hughes STX40	3830	16.5	2.67	Last Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3830 to 3845	2.74	3.78	2.23	
3845 to 3854	2.36	2.80	1.96	
3854 to 3866	2.39	3.14	2.25	
3866 to 3874	3.08	3.59	2.61	
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3830 to 3845	1.58-2.35	.009	.006	.001			
3845 to 3854	1.27-1.76	.007	.007	.000			
3854 to 3868	1.71-4.38	.015	.009	.001			
3868 to 3870	15.1-15.6	.093	.049	.008			
to							
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1040 kg/m3 @ 3874 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9
Catoche	3622	3558	3630	3564.8
Boat Harbour	3782	3709	3800	3720.2
Boat Harbour Disconformity			3835	3752.4

Remarks: Sensors: GR = 9.3m.

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-12-09	R. Strickland

Interval	Description
3800m	**Boat Harbour**
3830m-3835m	Limestone: 60%, off white, cream, light to medium brown, massive, cryptocrystalline to microcrystalline, occasional coarse crystalline with rhombs and disseminated pyrite, trace stylolites, bioturbated, blocky to platy, hard to firm, brittle, abundant white chalky, friable, trace clear to white calcite, occasional argillaceous, dense, no shows. Dolomite: 40%, buff, mottled brown, off white, microcrystalline to coarse crystalline, medium hard to firm, blocky to platy, subangular to angular, occasional friable, frequent white to clear dolomite rhombs, occasional sucrosic, moderate indurated, trace light brown chert, no visible porosity, no shows.
3835m	**Boat Harbour Disconformity**
3835m-3845m	Dolomite: 55%, dark to light brown, off white, cream, microcrystalline to coarse crystalline, medium hard to firm, blocky to platy, subangular to subround, occasional friable, frequent white to clear dolomite rhombs, sucrosic, weak indurated, poor intercrystalline porosity, no shows. Limestone: 42%, off white, cream, light to medium brown, massive, cryptocrystalline to microcrystalline, trace stylolites, bioturbated, blocky to platy, hard to firm, brittle, occasional white chalky, friable, trace clear to white calcite, occasional argillaceous, dense, no shows. Chert: 3%, light brown, translucent, very hard, conchoidal, with abundant silicified oolites.
3845m-3870m	Dolomite: 70%, light brown, off white, cream, microcrystalline to coarse crystalline, medium hard to firm, blocky to platy, subangular to subround, occasional friable, frequent white to clear dolomite rhombs with frequent disseminated fine grained and nodular pyrite, sucrosic, weak indurated, occasional light brown conchoidal chert with silicified oolites, poor intercrystalline porosity, no shows Limestone: 30%, white, off white, cream, massive, cryptocrystalline to microcrystalline, trace stylolites, blocky to platy, hard, brittle, occasional white chalky, trace clear to white calcite, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-12-10**	**38**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3924.4	3833.8	50.4	Boat Harbour	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	115	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3884.1	21.5	274.6	3893.6	21.3	275.3	3903.1	21.4	274.9

Summary of Previous 24 Hours

Drilling ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per program.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1693 kg/m^3 @ 3493m	Gel/Chem	1085	48		10.5	1600mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	Casing (size/Depth 220@ 2341 Last Casing(size/Depth) 178@3493
18	152	Hughes STX40	3830	37.3	2.53	

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3874 to 3877	3.11	3.23	2.92	
3877 to 3909	2.41	4.12	1.85	
3909 to 3918	4.33	6.55	2.92	
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3870 to 3878	3.14-5.3	.025	.015	.003			
3878 to 3909	1.51-3.9	.016	.009	.001			
3909 to 3922	3.34-9.18	.047	.017	.002			
*** to 3916**	74.0						**Connection Gas (mainly C1)**
to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1040 kg/m3 @	3924.4 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9
Catoche	3622	3558	3630	3564.8
Boat Harbour	3782	3709	3800	3720.2
Boat Harbour Disconformity			3835	3752.4

Remarks: Sensors: GR = 9.3m.

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-12-10	R. Strickland

Interval	Description
3835m	**Boat Harbour Disconformity**
3870m-3910m	Dolomite: 65%, dark to light brown, off white, cream, microcrystalline to coarse crystalline, medium hard to firm, blocky to platy, subangular to subround, occasional friable, occasional white to clear dolomite rhombs with occasional disseminated fine grained pyrite, sucrosic, weak indurated, poor intercrystalline porosity, no shows. Limestone: 35%, white, off white, cream, massive, cryptocrystalline to microcrystalline, trace stylolites, blocky to platy, hard, brittle, occasional white chalky, trace clear to white calcite, frequent argillaceous, dense, no shows.
3910m – 3914m	Dolomite: 80%, light brown, off white, cream, microcrystalline to coarse crystalline, firm, blocky to platy, subangular to subround, frequent friable, abundant white to clear dolomite rhombs with occasional disseminated fine grained pyrite, sucrosic, weak indurated, fair to good intercrystalline porosity, no shows. Limestone: 20%, white, off white, light to medium brown, cream, massive, cryptocrystalline to microcrystalline, trace stylolites, blocky to platy, hard, brittle, occasional white chalky, trace clear to white calcite, trace argillaceous, dense, no shows.
3914m – 3920m	Dolomite: 60%, white, off white, light brown, cream, microcrystalline to crystalline, hard to firm, blocky to platy, subangular to subround, occasional friable, occasional white to clear dolomite rhombs with trace disseminated fine grained pyrite, weak sucrosic, indurated, abundant light brown to pale white, translucent, very hard, conchoidal chert, poor intercrystalline porosity, no shows. Limestone: 40%, white, off white, light to medium brown, cream, massive, cryptocrystalline to microcrystalline, trace stylolites, blocky to platy, hard, brittle, occasional white chalky, trace clear to white calcite, trace argillaceous, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-12-11**	**39**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3948.6	3856.8	24.2	Boat Harbour	RIH

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	116	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3931.6	23	276.7	3931.6	23.6	276.0			

Summary of Previous 24 Hours

Drilling ahead; Flow check-flowing less than 100l/15min., increase MW to 1110kg/m3; POOH for bit change.

Operations Forecast (next 24 Hours)

RIH & drill ahead as per program.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1693 kg/m^3 @ 3493m	Gel/Chem	1110	50		10.5	1800mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	Casing (size/Depth 220@ 2341
18	152	Hughes STX40	3830	49.1	2.42	Last Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3918 to 3928	2.2	3.2	1.5	
3928 to 3948	2.4	3.0	2.0	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3922 to 3927	1.3-3.6	.026	.009	.001			
3927 to 3946	0.8-2.3	.018	.003				
*** to 3925**	21						**Connection Gas**
*** to 3934**	67						**Connection Gas**
*** to 3943**	22						**Connection Gas**
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1040 kg/m3 @	3948.6 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9
Catoche	3622	3558	3630	3564.8
Boat Harbour	3782	3709	3800	3720.2
Boat Harbour Disconformity			3835	3752.4

Remarks: Sensors: GR = 9.3m.

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-12-10	R. Strickland

Interval	Description
3835m	**Boat Harbour Disconformity**
3920m-3935m	**Dolomite:** 65%, white, off white, buff, light brown, cream, microcrystalline to crystalline, hard to firm, blocky to platy, subangular to subround, occasional friable, occasional white to clear dolomite rhombs with trace disseminated fine grained pyrite, weak sucrosic, indurated, frequent light brown to pale white, translucent, very hard, conchoidal chert, poor intercrystalline porosity, no shows. **Limestone:** 35%, white, off white, light to medium brown, cream, massive, cryptocrystalline to microcrystalline, trace stylolites, blocky to platy, hard, brittle, occasional white chalky, trace clear to white calcite, trace argillaceous, dense, no shows.
3935m-3945m	**Dolomite:** 80%, white, off white, buff, cream, microcrystalline to crystalline, occasional coarse crystalline, hard to firm, blocky to platy, subangular to subround, occasional friable, frequent white to clear dolomite rhombs with occasional disseminated fine grained pyrite, weak sucrosic, indurated, occasional light brown to pale white, translucent, very hard, conchoidal chert, poor to fair intercrystalline porosity, no shows. **Limestone:** 20%, white, off white, light to medium brown, cream, massive, cryptocrystalline to microcrystalline, blocky to platy, hard, brittle, occasional white chalky, trace clear to white calcite, occasional argillaceous, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-12-12**	**40**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	3975	3881	26.5	Boat Harbour	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	117	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3941	24.1	275.3	3951.6	24.5	275.3			

Summary of Previous 24 Hours

RIH; Test MWD tools; Slip & cut; Drilling ahead;

Operations Forecast (next 24 Hours)

Drill ahead as per program.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1693 kg/m^3 @ 3493m	Gel/Chem	1130	51		10.0	2200mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	Casing (size/Depth 220@ 2341
19	152	Hughes STX40	3949	11.5	2.30	Last Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3948 to 3959	2.1	2.7	1.4	
3959 to 3975	2.5	4.1	1.9	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3946 to 3949	.97-1	.006	.003				
3949 to 3957	2.8-8.3	.070	.011				
3957to 3975	0.8-3.6	.027	.008				
*** to 3948**	110						**Trip Gas**
*** to 3953**	10						**Connection Gas**
***to 3963**	6						**Connection Gas**

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1040 kg/m3 @ 3975 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9
Catoche	3622	3558	3630	3564.8
Boat Harbour	3782	3709	3800	3720.2
Boat Harbour Disconformity			3835	3752.4

Remarks: Sensors: GR = 9.3m.

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-12-10	R. Strickland

Interval	Description
3835m	**Boat Harbour Disconformity**
3945m-3970m	Dolomite: 70%, white, off white, buff, cream, microcrystalline to crystalline, occasional coarse crystalline, hard to firm, blocky to platy, subangular to subround, occasional friable, occasional white to clear dolomite rhombs with trace disseminated fine grained pyrite, weak sucrosic, indurated, poor to no intercrystalline porosity, no shows. Limestone: 30%, white, off white, light to medium brown, cream, massive, cryptocrystalline to microcrystalline, blocky to platy, hard, brittle, occasional white chalky, trace clear to white calcite, occasional argillaceous, trace green shale, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-12-13**	**41**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00				Watts Bight	Drilling ahead

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	118	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
3970.5	24.8	277.1	3989.5	24.4	277.8	4017.8	26.5	276.7

Summary of Previous 24 Hours

Drilling ahead.

Operations Forecast (next 24 Hours)

Drill ahead as per program.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1693 kg/m^3 @ 3493m	Gel/Chem	1135	50		10.0	2200mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	
19	152	Hughes STX40	3949	33.2	2.50	Casing (size/Depth 220@ 2341 Last Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
3975 to 3991	3.2	6.5	1.8	
3991 to 4008	2.6	4.4	2.1	
4008 to 4032	2.4	2.9	2.2	
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
3975 to 3998	1.65-3.67	.027	.009	.001			
3998 to 4018	1.08-2.41	.014	.009	.001			
4018 to 4029	2.15-3.36	.020	.011	.001			
* to 4020	13						
* to 4029	15						
to							

Trip Gas Bkgrd Gas Time Depth	Conn Gas Bkgrd Gas Time(Min)/ Depth	Est. Pore Pressure Depth 1040 kg/m3 @ 4032 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9
Catoche	3622	3558	3630	3564.8
Boat Harbour	3782	3709	3800	3720.2
Boat Harbour Dis	3809	3735	3835	3752.4
Watts Bight	3936	3855	3972	3878.2

Remarks: Sensors: GR = 9.3m.

Formations	Prognosed Measured(m)	Prognosed TVD(m)		Actual Measured(m)	Actual TVD(m)	
Winterhouse	2300.0					
Lourdes						
Goose Tickle						
Table Cove	3118.0			3115.0		
Table Point		3080.0		3076.8		
Aguathuna				3293.0		
Costa Bay	3287.0			3245.0		
Catoche		3240.0				
Boat Harbour				3446.0		
Boat Harbour Dis				3389.5		
Watts Bight						
				3487.6		
	3490.0			3429.2		
		3432.0				
				3562.0		
	3501.0			3500.7		
		3443.0				
				3583.0		
				3520.9		
				3630		
				3564.8		
	3622					
		3558		3800		
				3720.2		
	3782					
		3709		3835		
				3752.4		
	3809					
		3735		3972		
				3878.2		
	3936					
		3855				

Remarks: Sensors: GR = 9.3m.

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-12-13	R. Strickland

Interval	Description
3835m	**Boat Harbour Disconformity**
3970m-3972m	Dolomite: 70%, white, off white, buff, cream, microcrystalline to crystalline, occasional coarse crystalline, hard to firm, blocky to platy, subangular to subround, occasional friable, occasional white to clear dolomite rhombs with trace disseminated fine grained pyrite, weak sucrosic, indurated, poor to no intercrystalline porosity, no shows. Limestone: 30%, white, off white, light to medium brown, cream, massive, cryptocrystalline to microcrystalline, blocky to platy, hard, brittle, occasional white chalky, trace clear to white calcite, occasional argillaceous, occasional green shale, dense, no shows.
3972m	**Watts Bight**
3972m-4005m	Dolomite: 80%, off white, white, buff, cream, light brown, microcrystalline to crystalline, calcareous matrix, hard to firm, blocky to platy, occasional friable, occasional white to translucent dolomite rhombs with trace disseminated fine grained pyrite, occasional shale stringers, slightly to abundant sucrosic, strong indurated, poor to no intercrystalline porosity, no shows. Limestone: 20%, white, off white, light to medium brown, cream, massive, cryptocrystalline to microcrystalline, blocky to platy, hard, brittle, occasional white chalky, trace clear to white calcite, occasional argillaceous, dense, no shows.
4005m-4025m	Dolomite: 80%, white, buff, cream, light brown, microcrystalline to coarse crystalline, calcareous matrix, hard to firm, blocky to platy, frequent friable, abundant white to translucent dolomite rhombs with trace disseminated fine grained pyrite, occasional pyrite stringers, sucrosic, indurated, occasional light brown chert, poor to fair intercrystalline porosity, no shows. Limestone: 20%, white, off white, light brown, cream, cryptocrystalline to microcrystalline, blocky to platy, hard, brittle, frequent clear to white calcite with occasional mineral fluorescence, occasional argillaceous, dense, no shows.

Daily Geological Report

Well Name & Location	Geologist	Date	Report No.
CIVC PORT AU PORT#1-ST1	**R. Strickland**	**2001-12-14**	**42**

Current Information

Time	Depth(MD)	Depth(TVD)	Progress	Formation	Status
06:00	4053.5	3951.7	21.5	Berry Head	POOH to e-log

Rig	Spud Date	Days from Spud	RT	
Simmons # 31	2001-08-17	119	7.9	

Surveys

Depth	Angle	Direction	Depth	Angle	Direction	Depth	Angle	Direction
4041.5	29.9	276.4	4053.5	29.9	276.4			

Summary of Previous 24 Hours

Drilling ahead; Flow check-no flow; Drill to FTD; Circulate btm's up; Complete 20 stand wiper trip; flow check-no flow; POOH to E-log.

Operations Forecast (next 24 Hours)

Cont POOH: Run 4 E-log passes.

Drilling Fluid Properties

Formation Leak of Test	Fluid Type	Density	Viscosity	Fluid Loss	pH	Chlorides
1693 kg/m^3 @ 3493m	Gel/Chem	1120	49		9.5	2200mg/l

Bit and Casing Data

Bit No.	Size	Type	Depth in	Hours	Rop(m/hr)	Casing (size/Depth 220@ 2341
19	152	Hughes STX40	3949	44.25	2.36	Last Casing(size/Depth) 178@3493

Rate of Penetration (Meters/Hour)

Interval	Average ROP	Max ROP	Min ROP	Remarks
4032 to 4045	2.4	3.1	2.0	
4045 to 4053	1.6	2.1	0.9	
to				
to				
to				
to				

Hydrocarbon Data

Interval	Gas Units	%C1	%C2	%C3	%IC4	%NC4	HYDC Remarks
4029 to 4040	1.7-5.1	.039	.010	.001			
4040 to 4053	1.7-3.8	.026	.010	.001			
*** to 4039**	**25**						**Connection gas**
*** to 4049**	**23**						**Connection gas**
* to							
to							

Trip Gas	Bkgrd Gas	Time	Depth	Conn Gas	Bkgrd Gas	Time(Min)/	Depth	Est. Pore Pressure	Depth
								1040 kg/m3 @	4053.5 MD

Formation Tops

Formations	Prognosed Measured(m)	Prognosed TVD(m)	Actual Measured(m)	Actual TVD(m)
Winterhouse	2300.0			
Lourdes	3118.0	3080.0	3115.0	3076.8
Goose Tickle	3287.0	3240.0	3293.0	3245.0
Table Cove			3446.0	3389.5
Table Point	3490.0	3432.0	3487.6	3429.2
Aguathuna	3501.0	3443.0	3562.0	3500.7
Costa Bay			3583.0	3520.9
Catoche	3622	3558	3630	3564.8
Boat Harbour	3782	3709	3800	3720.2
Boat Harbour Dis	3809	3735	3835	3752.4
Watts Bight	3936	3855	3972	3878.2
Berry Head	4018	3933	4041	3940.1

Remarks: Sensors: GR = 9.3m.

Formations	Prognosed Measured(m)	Prognosed TVD(m)		Actual Measured(m)	Actual TVD(m)	
Winterhouse	2300.0					
Lourdes						
Goose Tickle						
Table Cove	3118.0			3115.0		
Table Point		3080.0			3076.8	
Aguathuna				3293.0		
Costa Bay	3287.0				3245.0	
Catoche		3240.0				
Boat Harbour				3446.0		
Boat Harbour Dis					3389.5	
Watts Bight						
Berry Head				3487.6		
	3490.0				3429.2	
		3432.0				
				3562.0		
					3500.7	
	3501.0					
		3443.0		3583.0		
					3520.9	
				3630		
					3564.8	
	3622					
		3558		3800		
					3720.2	
	3782			3835		
		3709			3752.4	
	3809			3972		
		3735			3878.2	
	3936			4041		
		3855			3940.1	
	4018					
		3933				

Remarks: Sensors: GR = 9.3m.

Sample Descriptions

Well Name and Location	Date	Wellsite Geologist
CIVC Port au Port #1-ST1	2001-12-14	R. Strickland

Interval	Description
3972m	**Watts Bight Formation**
4025m-4030m	Dolomite: 70%, light brown, off white, cream, microcrystalline to coarse crystalline, calcareous matrix, hard to firm, blocky to platy, trace friable, occasional white to translucent dolomite rhombs with trace disseminated fine grained pyrite, weak sucrosic, strongly indurated, frequent light brown chert, poor to no intercrystalline porosity, no shows. Limestone: 30%, off white, white, light brown, cream, cryptocrystalline to microcrystalline, blocky to platy, hard, brittle, frequent clear to white calcite with occasional mineral fluorescence, occasional argillaceous, dense, no shows.
4030m-4041m	Dolomite: 68%, dark to light brown, off white, cream, microcrystalline to coarse crystalline, calcareous matrix, hard to firm, blocky to platy, trace friable, occasional white to translucent dolomite rhombs with trace disseminated fine grained pyrite, weak sucrosic, strongly indurated, poor to no intercrystalline porosity, no shows. Limestone: 30%, off white, white, light brown, cream, cryptocrystalline to microcrystalline, blocky to platy, hard, brittle, frequent clear to white calcite with occasional mineral fluorescence, occasional argillaceous, dense, no shows. Chert: 2%, light brown, very hard, angular, conchoidal.
4041m	**Berry Head Formation**
4041m-4053.5m **(FTD)**	Dolomite: 80%, dark to light brown, off white, cream, microcrystalline to coarse crystalline, calcareous matrix, hard to firm, blocky to platy, trace friable, occasional white to translucent dolomite rhombs with trace disseminated fine grained pyrite, weak sucrosic, strongly indurated, frequent light brown chert, poor to no intercrystalline porosity, no shows. Limestone: 20%, off white, white, light brown, cream, cryptocrystalline to microcrystalline, blocky to platy, hard, brittle, frequent clear to white calcite with occasional mineral fluorescence, occasional argillaceous, dense, no shows.

APPENDIX D:

ST#1 Logs

Baker Atlas

BAKER HUGHES

CEMENT VOLUME LOG FOR 152 mm BOREHOLE AND 127 mm CASING

COMPANY	CANADIAN IMPERIAL VENTURE CORPORATION
WELL	CIVC PORT AU PORT #1-ST1
FIELD	GARDEN HILL SOUTH DEVELOPMENT
PROVINCE	NEWFOUNDLAND
LOCATION	LIC: ADW2001-117-05-01; NORTHING: 5372856.596; EASTINGS: 335490.997; LAT 48.489 LONG 59.226
ELEVATION	212.53 M ABOVE P.D.
ELEVATIONS	KB 220.43 M; DF; GL 212.53 M
OTHER SERVICES	CN-ZDL-GR-CAL; HDIL-GR-CAL; MAC-GR-CAL; CBIL-GR; HDIP-GR TVD

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

BOREHOLE RECORD

BIT SIZE	FROM	TO
215.9 MM	2338.0 M	3493.0 M
152.0 MM	3493.0 M	3595.0 M

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
244.5 MM	69.94 KG/M	L-80	0.0 M	2338.0 M
177.8 MM	43.15 KG/M	L-80	2363.4 M	3493.0 M

REMARKS

RUN 2 TRIP 1 :
TIME STOPPED DRILLING: 0430 09-OCT-01
TIME STOPPED CIRCULATING: 0630 09-OCT-01
CORRELATED TO BAKER ATLAS CN-ZDL LOG 29-SEP-2001.
HDIP-CBIL-GR RUN IN COMBINATION.
MAXIMUM DEVIATION: 20 DEGREES AT TD.
VOLUME TICS EVERY 0.1 AND 1.0 M3.
BOREHOLE VOLUMES FROM HDIP CALIPER.
TD NOT TAGGED DUE TO POSSIBILITY OF DAMAGING CBIL TOOL.
CREW: B. MACDONALD, D. COMEAU.
RIG: SIMMONS #31

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
2	1	SWIVEL	3944XB	094417	FREE
2	1	TTRM	3981XA	168597	FREE
2	1	COMR	3514XA	166161	FREE
2	1	DGR	1329XA	166386	FREE
2	1	KNJT	3923XA	369838	FREE
2	1	ORIENT	4401XB	167071	FREE
2	1	HDIP E	1020FA	152788	FREE
2	1	HDIP M	1020MA	153045	PAD DEVICE
2	1	ISO SUB	3992XA	166940	FREE
2	1	DBL KNJT	3939XA	151070	FREE
2	1	CBIL E	1671EB	150161	CENTRALIZED
2	1	CBIL M	1671MB	150174	CENTRALIZED

BOREHOLE PROFILE ORIENTED TO TRUE NORTH CEMENT VOLUME FOR 127 mm CASING

May 09, 2000 Fileview 2.66c Cplot 5.1 Wed Oct 10 09:25:46 2001
Updates: 1,2,3 Pcrplt /main/47 Pdf_Cpp /main/16

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/pap1r2/f831k05.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 3426.714 m BOTTOM DEPTH: 3596.945 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
CHT	FILTER ()	medium (1)			
GR	FILTER ()	medium (1)		''	''
TENSION	FILTER ()	medium (1)		''	''

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	127.000	mm		
BIT SIZE	BIT SIZE	152.000	mm	''	''

CURVE MEASURE POINT OFFSET

CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	CAL2	7.73	CHT	0.00	TEN	0.00
CAL1	7.73	CAL3	7.73	GR	16.76		

Presentation : cpu1:/dat1a/pass/pap1r2/cvl.pdf [1:240 Scale]
Plot Interval : 3406.22 - 3596.94 Meters

Data File 1 : F1 : cpu1:/dat1a/pass/pap1r2/f831k15.xtf
Created On : Oct 10 04:26:09 2001
Company : Canadian Imperial Ventures Corporation
Well : CIVC Port au Port #1-st1
Field : Garden Hill South Development
File Interval : 3406.22 - 3596.94 Meters
Oct : f831k

BAKER HUGHES / Baker Atlas	COMPANY	CANADIAN IMPERIAL VENTURE CORPORATION	FILE NO:
	WELL	CIVC PORT AU PORT #1-ST1	
	FIELD	GARDEN HILL SOUTH DEVELOPMENT	API NO:
	PROVINCE	NEWFOUNDLAND	
	LOCATION: LIC: ADW2001-117-05-01; NORTHING: 5372856.596; EASTINGS: 335490.997; LAT 48.489 LONG 59.226	ELEVATIONS: KB 220.43 M; DF; GL 212.53 M	UWI: PAP1-ST1
		DATE 09-OCT-2001	

Rec'd DM'E Oct. 17, 2001

BAKER HUGHES

Baker Atlas

TRUE VERTICAL DEPTH HIGH DEFINITION INDUCTION LOG℠ GAMMA RAY LOG CALIPER LOG

FILE NO:

API NO:

COMPANY CANADIAN IMPERIAL VENTURE CORPORATION
WELL CIVC PORT AU PORT #1-ST1
FIELD GARDEN HILL SOUTH DEVELOPMENT
PROVINCE NEWFOUNDLAND

Ver. 3.81
UWI: PAP1-ST1
TRUE VERTICAL DEPTH

LOCATION:
LIC: ADW2001-117-05-01
NORTHING: 5372856.596
EASTINGS: 335490.997
LAT 48.489 LONG 59.226

OTHER SERVICES
CN-ZDL-GR-CAL
HDIL-GR-CAL
MAC-GR-CAL CVL
CBIL-GR
HDIP-GR

PERMANENT DATUM G.L. ELEVATION 212.53 M
LOG MEASURED FROM K.B. 7.90 M ABOVE P.D.
DRILL. MEAS. FROM KELLY BUSHING

ELEVATIONS:
KB 220.43 M
DF
GL 212.53 M

DATE	09-OCT-2001		
RUN	2	TRIP	1
SERVICE ORDER	200483		
DEPTH DRILLER	3595.0 M		
DEPTH LOGGER	3597.3 M		
BOTTOM LOGGED INTERVAL	3594.7 M		
TOP LOGGED INTERVAL	3495.0 M		
CASING DRILLER	177.8 MM	@ 3493.0 M	@
CASING LOGGER	3495.0 M		
BIT SIZE	152.0 MM		
TYPE OF FLUID IN HOLE	GEL CHEM POLYMER		
DENSITY	1105 G/L	VISCOSITY	49 S
PH	9.0	FLUID LOSS	8.0 L
SOURCE OF SAMPLE	FLOWLINE		
RM AT MEAS. TEMP.	2.1 OHMM	@ 20 DEGC	@
RMF AT MEAS. TEMP.	2.0 OHMM	@ 20 DEGC	@
RMC AT MEAS. TEMP.	2.3 OHMM	@ 20 DEGC	@
SOURCE OF RMF / RMC	MEASURED	MEASURED	
RM AT BHT	1.1 OHMM	@ 55 DEGC	@
TIME SINCE CIRCULATION	17.5 HOURS		
MAX. RECORDED TEMP.	55 DEGC		
EQUIP. NO. / LOCATION	HL6582	NISKU	
RECORDED BY	D. MCCULLOUGH		
WITNESSED BY	R. STRICKLAND		

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

BOREHOLE RECORD

BIT SIZE	FROM	TO
215.9 MM	2338.0 M	3493.0 M
152.0 MM	3493.0 M	3595.0 M

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
244.5 MM	69.94 KG/M	L-80	0.0 M	2338.0 M
177.8 MM	43.15 KG/M	L-80	2363.4 M	3493.0 M

REMARKS

RUN 2 TRIP 1 :
TIME STOPPED DRILLING: 0430 09-OCT-01
TIME STOPPED CIRCULATING: 0630 09-OCT-01
CORRELATED TO BAKER ATLAS CN-ZDL LOG 29-SEP-2001.
MAXIMUM DEVIATION: 20 DEGREES AT TD.
BOREHOLE AND TEMPERATURE CORRECTIONS HAVE BEEN APPLIED TO HDIL DATA
HDIL RECORDED WITH AND CORRECTED TO 0.8 INCH (20MM) STANDOFF
CALIPER MERGED FOR CN-ZDL RUN.
CALIPER PRESENTED WITH HDIL TO ASSIST WITH THE QC OF THE DATA
##
TRUE RESOLUTION - QUALITY PLOT: DISPLAYS THE TRUE RESOLUTION MATCHED (TRF) CURVES WITH 10", 20", 30", 60", 90", 120" MEDIAN DEPTH OF INVESTIGATION. THEIR VERTICAL RESOLUTION DIFFERS FROM CURVE TO CURVE AS IT DEPENDS ON THE DEPTH OF INVESTIGATION (DOI) - VARYING BETWEEN 1.0 AND 2.0 TIMES THE DOI. THESE TRF CURVES PROVIDE AN EXCELLENT QUALITY CHECK AND SHOULD BE EXAMINED WHENEVER UNEXPLAINED SPIKES OR ANOMALIES APPEAR ON THE MAIN VERTICAL RESOLUTION MATCHED (VRM) CURVES - DUE TO BAD BOREHOLE CONDITIONS AND/OR WHEN VERY CONDUCTIVE INVASION EXISTS.
##
CREW: B. MACDONALD, D. COMEAU.
RIG: SIMMONS #31

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
2	1	SWIVEL	3944XB	094417	FREE
2	1	TTRM	3981XA	168597	FREE
2	1	COMR	3514XA	166161	FREE
2	1	DGR	1329XA	166386	FREE
2	1	KNJT	3923XA	369838	FREE
2	1	HDIL E	1515EA	185538	FREE
2	1	HDIL M	1515MA	185579	20 MM STAND OFF

INSTRUMENT CONFIGURATION

Source File: /dat1a/pass/pap1r2/hdil-tdg

CABLEHEAD
Series : CABL338
Mnemonic : CBLH
Diameter : 8.6 cm
Weight : 10.9 kg
Length : 167.6 cm

SWIVEL
Series : 3944XB
Mnemonic : SWVL

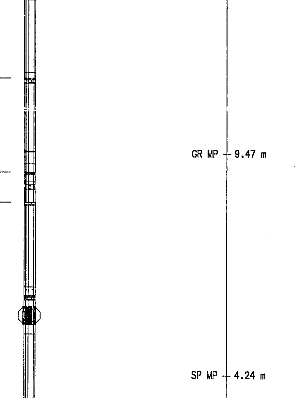
TTRM SUB
Series : 3981XA
Mnemonic : TTRM
Diameter : 9.2 cm

WTS COMMON REMOTE
Series : 3514XA
Mnemonic : WTS
Diameter : 9.2 cm
Weight : 65.5 kg
Length : 189.5 cm
Temp Rating : 204 deg. C

DIGITAL SPECTRALOG
Series : 1329XA
Mnemonic : DSI
Diameter : 9.2 cm
Weight : 64.5 kg
Length : 222.8 cm
Measure Point: 48.8 cm: GR MP
Temp Rating : 204 deg. C

KNUCKLE JOINT
Series : 3923XA

HIGH DEFINITION INDUCTION TOOL
Series : 1515XA
Mnemonic : HDIL
Diameter : 9.2 cm
Weight : 200.5 kg
Length : 827.0 cm
Measure Point: 423.9 cm: SP MP
Measure Point: 226.8 cm: XMTR MP
Temp Rating : 204 deg. C
Press Rating : 1405 kg/cm2



TOTAL LENGTH: 17.17 m
TOTAL WEIGHT: 431.8 kg
MAX DIAMETER: 16.2 cm

MAIN PASS - 6 CURVE PRESENTATION TVD

May 09, 2000 Updates: 1,2,3 | Fileview 2.66c Pcrplt /main/47 | Cplot 5.1 Pdf_Cpp /main/16 | Wed Oct 10 08:29:13 2001

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/pap1r2/f744F03.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 3292.678 m BOTTOM DEPTH: 3601.212 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
CHT	FILTER ()	medium (1)		TOP	BOTTOM
GR	FILTER ()	medium (1)		''	''
SP-SPDH	FILTER ()	medium (1)		''	''
TENSION	FILTER ()	medium (1)		''	''

SP CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
SP CONTROL	Tool/Bridle	TOOL		TOP	BOTTOM

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
BIT SIZE	BIT SIZE	152.000	mm	TOP	BOTTOM
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (mbh*)	USE CALIPER		''	''
BOREHOLE CORR DIAMETER	FIXED DIAMETER (mbh*)	152.000	mm	''	''
MUD VALUES SOURCE	RMUD SOURCE (HDIL)	MUD SAMP DERIVED		''	''
MUD VALUES	MUD SAMPLE TEMP	20.0	degC	''	''
	MUD SAMPLE RES	2.100	ohm.m	''	''
	MUD REFERENCE TEMP	15.0	degC	''	''
	TEMP GRADIENT	1.100	0.01 degC/m	''	''

HDIL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
HDIL TEMPERATURE CORRECTION	TEMP CORR SOURCE	USE RXTEMP		TOP	BOTTOM
ADAPTIVE BOREHOLE CORRECTION	ABC PROCESSING	ON		''	''
	ABC to CALCULATE	STANDOFF		''	''
	STANDOFF	20.00	mm	''	''
	TOOL POSITION	ECCENTERED		''	''
	Rmud MULTIPLIER	1.000		''	''

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/pap1r2/f854f04.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 3301.060 m BOTTOM DEPTH: 3601.822 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
X AXIS CALIPER	FILTER ()	light (2)		TOP	BOTTOM
	FILTER (.h)	light (2)		''	''
	FILTER (.l)	light (2)		''	''
CHT	FILTER ()	medium (1)		''	''
GR	FILTER ()	medium (1)		''	''
TENSION	FILTER ()	medium (1)		''	''

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
BIT SIZE	BIT SIZE	152.000	mm	TOP	BOTTOM

CURVE MEASURE POINT OFFSET

CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	GR	9.60	M2R3	2.59	M2RX	2.59
CAL	0.91	M2R1	2.59	M2R6	2.59	SP	4.42
CHT	0.00	M2R2	2.59	M2R9	2.59	TEN	0.00

Presentation : cpu1:/dat1a/pass/pap1r2/t_hdil_main.pdf [1:240 Scale]
Plot Interval : 3231.79 - 3537.97 Meters

Data File 1 : F1 : cpu1:/dat1a/pass/pap1r2/f744f03.xtf
Created On : Oct 10 07:47:50 2001
Company : Canadian Imperial Ventures Corporation
Well : CIVC Port au Port #1-st1
Field : Garden Hill South Development
File Interval : 3231.79 - 3537.97 Meters
Oct : f744F

GR BACKUP
CAL < BIT
GAMMA RAY [gr] 0 — 150 (gAPI)
CALIPER [cal] 100 — 350 (mm)
BIT SIZE 100 — 350 (mm)
SP [sp] 0 — 150 (mV)

METERS

TOOL STICKING

2FT. Matched Resolution Resistivity
10 in. DOI [m2r1] 0.2 — 2000 (ohm.m)
20 in. DOI [m2r2] 0.2 — 2000 (ohm.m)
30 in. DOI [m2r3] 0.2 — 2000 (ohm.m)
60 in. DOI [m2r6] 0.2 — 2000 (ohm.m)
90 in. DOI [m2r9] 0.2 — 2000 (ohm.m)
120 in. DOI [m2rx] 0.2 — 2000 (ohm.m)
DIFF. TENSION [ten] 1900 — -100 (kgf)
CH-TENSION [cht] 5400 — 400 (kgf)
WTBH

GR BACKUP
CAL < BIT
GAMMA RAY [gr] 0 — 150 (gAPI)
CALIPER [cal] 100 — 350 (mm)
BIT SIZE 100 — 350 (mm)
SP [sp] 0 — 150 (mV)
METERS
TOOL STICKING
2FT. Matched Resolution Resistivity
10 in. DOI [m2r1] 0.2 — 2000 (ohm.m)
20 in. DOI [m2r2] 0.2 — 2000 (ohm.m)
30 in. DOI [m2r3] 0.2 — 2000 (ohm.m)
60 in. DOI [m2r6] 0.2 — 2000 (ohm.m)
90 in. DOI [m2r9] 0.2 — 2000 (ohm.m)
120 in. DOI [m2rx] 0.2 — 2000 (ohm.m)
DIFF. TENSION [ten] 1900 — -100 (kgf)
CH-TENSION [cht] 5400 — 400 (kgf)
WTBH

DIRECTIONAL SURVEY DATA

Source File: /dat1a/pass/pap1r2/tvd.txt

Onscreen for Windows
Survey Calculation Program
BAKER HUGHES INTEQ

Customer : CANADIAN IMPERIAL VENTURE CORP.
WellName : Port Au Port#1
Location : Onshore West Coast Newfoundland

Vertical Section Calculated on: 275.6000
Survey Calculation Method: Minimum Curvature

#	Depth Meters	Inc Degree	Azimuth Degree	TVD Meters	Section Meters	North (M)	East (M)	DoglegB /30m
0	2295.00	1.75	149.00	2293.68	-44.91	-20.74	43.09	0.00
1	2334.00	1.29	148.10	2332.67	-45.53	-21.62	43.63	0.35
2	2338.20	1.60	266.10	2336.87	-45.50	-21.67	43.60	17.73
3	2348.20	4.30	273.50	2346.85	-44.99	-21.65	43.08	8.16
4	2358.10	6.90	283.70	2356.70	-44.03	-21.49	42.13	8.41
5	2367.80	8.30	276.70	2366.32	-42.75	-21.27	40.87	5.18
6	2376.90	8.60	281.90	2375.32	-41.42	-21.05	39.55	2.71
7	2386.50	8.80	282.00	2384.81	-39.98	-20.75	38.13	0.63
8	2396.50	8.80	282.70	2394.69	-38.46	-20.43	36.64	0.32
9	2405.80	8.80	285.10	2403.88	-37.05	-20.08	35.26	1.18
10	2414.90	8.90	284.40	2412.87	-35.67	-19.73	33.90	0.48
11	2424.20	9.30	283.40	2422.06	-34.21	-19.37	32.48	1.39
12	2433.80	10.50	277.40	2431.51	-32.57	-19.08	30.85	4.94
13	2443.50	12.20	272.10	2441.02	-30.66	-18.93	28.95	6.16
14	2453.10	13.40	269.30	2450.39	-28.54	-18.91	26.83	4.22
15	2462.30	14.20	268.30	2459.32	-26.36	-18.95	24.63	2.72
16	2471.80	14.60	267.40	2468.52	-24.02	-19.04	22.27	1.45
17	2481.50	15.10	268.60	2477.90	-21.56	-19.13	19.79	1.82
18	2491.10	15.20	271.10	2487.16	-19.06	-19.14	17.28	2.07
19	2500.30	15.20	273.20	2496.04	-16.66	-19.04	14.87	1.80
20	2509.80	15.00	274.20	2505.21	-14.18	-18.89	12.40	1.04
21	2519.50	14.80	275.60	2514.59	-11.69	-18.67	9.91	1.27
22	2528.60	14.40	277.10	2523.39	-9.40	-18.42	7.64	1.81
23	2538.20	14.70	278.80	2532.69	-6.99	-18.09	5.25	1.63
24	2547.70	15.30	280.60	2541.86	-4.53	-17.67	2.82	2.40
25	2557.30	15.10	282.30	2551.13	-2.03	-17.17	0.36	1.53
26	2566.70	14.60	282.30	2560.21	0.36	-16.66	-2.00	1.60
27	2576.40	14.20	281.60	2569.61	2.76	-16.16	-4.36	1.35
28	2585.80	14.20	280.20	2578.72	5.05	-15.72	-6.62	1.10
29	2595.00	14.50	280.20	2587.63	7.33	-15.32	-8.86	0.98
30	2604.60	15.20	280.90	2596.91	9.78	-14.87	-11.28	2.26
31	2613.90	16.20	281.30	2605.87	12.28	-14.38	-13.75	3.24
32	2623.40	17.10	281.60	2614.97	14.99	-13.84	-16.42	2.86
33	2633.10	17.50	282.00	2624.23	17.86	-13.25	-19.24	1.29
34	2642.70	17.40	280.60	2633.39	20.72	-12.69	-22.07	1.35
35	2652.10	17.60	278.10	2642.35	23.54	-12.23	-24.86	2.48
36	2661.40	17.70	274.90	2651.21	26.36	-11.91	-27.66	3.15
37	2670.70	17.70	273.50	2660.07	29.19	-11.70	-30.48	1.37
38	2680.30	17.80	275.70	2669.22	32.11	-11.47	-33.39	2.12
39	2689.30	18.10	278.80	2677.78	34.89	-11.12	-36.14	3.34
40	2699.00	18.40	282.00	2686.99	37.91	-10.57	-39.13	3.23
41	2708.60	19.30	283.70	2696.08	40.99	-9.88	-42.15	3.29
42	2718.20	20.80	283.70	2705.09	44.25	-9.10	-45.35	4.69
43	2727.70	22.00	282.70	2713.94	47.68	-8.31	-48.73	3.96
44	2737.20	22.20	283.00	2722.74	51.23	-7.51	-52.21	0.73
45	2746.50	21.60	283.40	2731.37	54.67	-6.72	-55.59	1.99
46	2756.00	20.70	284.40	2740.23	58.06	-5.90	-58.91	3.06
47	2765.60	19.60	284.80	2749.24	61.32	-5.07	-62.11	3.46
48	2775.10	19.40	283.70	2758.20	64.46	-4.28	-65.19	1.32
49	2784.60	20.00	282.30	2767.14	67.63	-3.56	-68.31	2.41
50	2794.30	21.00	282.00	2776.23	71.01	-2.85	-71.63	3.11
51	2803.90	22.10	283.00	2785.16	74.51	-2.09	-75.07	3.62
52	2813.40	22.10	282.30	2793.96	78.06	-1.30	-78.56	0.83
53	2823.00	21.20	280.20	2802.88	81.58	-0.61	-82.03	3.71
54	2832.60	20.30	277.80	2811.86	84.97	-0.08	-85.39	3.87
55	2842.30	19.80	275.70	2820.97	88.30	0.31	-88.69	2.71
56	2851.80	19.90	275.30	2829.91	91.53	0.62	-91.90	0.53
57	2861.50	20.70	275.30	2839.00	94.89	0.93	-95.25	2.47
58	2871.00	21.10	274.60	2847.88	98.28	1.23	-98.63	1.49
59	2880.60	21.00	273.90	2856.84	101.73	1.48	-102.07	0.85
60	2890.20	21.20	273.90	2865.79	105.18	1.72	-105.52	0.63
61	2899.20	21.70	274.20	2874.17	108.47	1.95	-108.80	1.71
62	2908.90	22.40	276.00	2883.16	112.11	2.27	-112.43	3.01
63	2918.50	21.90	278.10	2892.05	115.73	2.72	-116.02	2.93
64	2928.10	20.70	277.10	2901.00	119.21	3.18	-119.47	3.92
65	2937.60	19.40	275.30	2909.92	122.47	3.53	-122.71	4.54
66	2947.30	19.00	274.60	2919.08	125.66	3.81	-125.89	1.43
67	2956.40	19.00	274.90	2927.69	128.62	4.05	-128.84	0.32
68	2965.90	19.60	276.70	2936.65	131.76	4.37	-131.97	2.67
69	2975.40	20.30	277.80	2945.58	135.00	4.78	-135.18	2.51
70	2984.60	20.50	277.80	2954.21	138.21	5.22	-138.36	0.65
71	2994.20	20.90	277.80	2963.19	141.60	5.68	-141.72	1.25
72	3003.80	21.20	277.40	2972.14	145.04	6.13	-145.14	1.04
73	3013.40	21.10	276.70	2981.10	148.51	6.56	-148.58	0.85
74	3022.90	20.70	277.40	2989.97	151.89	6.97	-151.94	1.49
75	3032.50	20.00	279.20	2998.97	155.23	7.45	-155.24	2.93
76	3042.10	18.80	278.80	3008.03	158.41	7.95	-158.39	3.77
77	3051.50	18.50	278.80	3016.94	161.41	8.41	-161.36	0.96
78	3061.20	18.60	277.80	3026.13	164.49	8.86	-164.42	1.03
79	3070.80	19.30	277.80	3035.21	167.61	9.28	-167.50	2.19
80	3080.40	19.80	278.10	3044.26	170.82	9.73	-170.69	1.59
81	3089.90	20.10	278.80	3053.19	174.06	10.20	-173.89	1.21
82	3099.50	19.90	278.50	3062.21	177.34	10.70	-177.14	0.70
83	3109.10	19.40	278.50	3071.25	180.56	11.17	-180.33	1.56
84	3118.70	19.20	277.10	3080.31	183.73	11.60	-183.47	1.58
85	3128.30	19.20	275.60	3089.38	186.89	11.95	-186.61	1.54
86	3137.80	19.50	274.90	3098.34	190.03	12.24	-189.75	1.20
87	3147.50	20.00	276.30	3107.47	193.31	12.56	-193.01	2.13
88	3157.10	19.90	277.10	3116.49	196.59	12.94	-196.26	0.91
89	3166.60	19.20	278.10	3125.45	199.76	13.36	-199.41	2.45
90	3176.20	18.50	278.80	3134.53	202.86	13.82	-202.48	2.30
91	3185.30	18.10	278.80	3143.17	205.71	14.26	-205.30	1.32
92	3194.70	18.20	278.50	3152.10	208.64	14.70	-208.20	0.44
93	3204.30	18.20	277.80	3161.22	211.63	15.12	-211.17	0.68
94	3213.80	18.50	277.80	3170.24	214.62	15.53	-214.13	0.95
95	3223.40	18.90	277.40	3179.33	217.70	15.93	-217.18	1.31
96	3233.00	19.30	276.00	3188.40	220.84	16.30	-220.30	1.90
97	3242.70	20.00	276.00	3197.54	224.10	16.64	-223.54	2.16
98	3252.30	20.30	276.70	3206.55	227.41	17.01	-226.82	1.20
99	3261.50	20.50	277.40	3215.17	230.61	17.40	-230.01	1.03
100	3270.90	20.50	277.40	3223.98	233.90	17.83	-233.28	0.00
101	3280.30	20.60	277.80	3232.78	237.20	18.26	-236.55	0.55
102	3289.90	20.40	278.10	3241.77	240.56	18.73	-239.88	0.71
103	3299.30	19.40	278.10	3250.61	243.76	19.18	-243.05	3.19
104	3308.90	18.50	278.80	3259.69	246.87	19.64	-246.13	2.90
105	3318.40	17.80	280.20	3268.72	249.82	20.12	-249.05	2.60
106	3328.00	17.40	282.30	3277.87	252.71	20.69	-251.89	2.34
107	3337.30	17.00	284.10	3286.75	255.44	21.32	-254.57	2.15
108	3346.70	16.70	284.44	3295.75	258.13	21.99	-257.21	1.01
109	3356.40	17.10	284.10	3305.03	260.92	22.68	-259.94	1.27
110	3365.70	17.30	282.70	3313.91	263.64	23.32	-262.62	1.48
111	3375.30	17.40	281.30	3323.08	266.49	23.91	-265.42	1.34
112	3384.40	18.10	280.20	3331.74	269.25	24.43	-268.15	2.56
113	3393.90	19.30	279.20	3340.74	272.29	24.94	-271.15	3.92
114	3402.70	20.40	278.80	3349.02	275.27	25.41	-274.10	3.78
115	3411.90	21.10	278.50	3357.62	278.53	25.90	-277.32	2.31
116	3421.00	21.10	279.20	3366.11	281.80	26.41	-280.56	0.83
117	3430.30	20.50	280.60	3374.81	285.09	26.97	-283.81	2.51
118	3439.40	19.40	281.30	3383.36	288.18	27.56	-286.86	3.71
119	3449.20	18.50	280.90	3392.63	291.35	28.17	-289.98	2.78
120	3460.40	18.20	278.80	3403.26	294.86	28.78	-293.46	1.94
121	3469.50	18.30	279.20	3411.90	297.71	29.22	-296.27	0.53
122	3478.60	16.60	281.30	3420.58	300.43	29.71	-298.96	5.98
-1	3485.60	15.29	282.92	3427.31	302.34	30.11	-300.84	5.93

Closure is 302.3394 on an azimuth of 275.7155

Source File: /dat1a/pass/pap1r2/tvd_us.txt

BAKER ATLAS SURVEY

Canadian Imperial Ventures Corp.
CIVC Port Au Port #1 - ST1

DEPTH	DEVIATION ANGLE	AZIMUTH	T.V.D.
3485.62	15.3	282.9	3427.31
3495.62	15.8	281.3	3436.92
3505.62	16.1	280.7	3446.54
3515.62	16.4	280.1	3456.13
3525.62	17.0	280.7	3465.71
3535.62	17.3	280.8	3475.27
3545.62	17.7	281.0	3484.80
3555.62	18.3	281.4	3494.31
3565.62	18.8	281.2	3503.80
3575.62	19.3	280.9	3513.25
3585.62	20.0	281.0	3522.67
3587.62	20.0	280.8	3524.55

BAKER HUGHES
Baker Atlas
COMPANY CANADIAN IMPERIAL VENTURE CORPORATION
WELL CIVC PORT AU PORT #1-ST1
FIELD GARDEN HILL SOUTH DEVELOPMENT
PROVINCE NEWFOUNDLAND
FILE NO:
API NO:
LOCATION:
LIC: ADW2001-117-05-01
NORTHING: 5372856.596
EASTINGS: 335490.997
LAT 48.489 LONG 59.226
ELEVATIONS:
KB 220.43 M
DF
GL 212.53 M
UWI: PAP1-ST1
TRUE VERTICAL DEPTH
DATE 09-OCT-2001

Rec'd Dm&E Oct. 17, 2001

BAKER HUGHES

Baker Atlas

TRUE VERTICAL DEPTH MULTIPOLE ARRAY ACOUSTILOG℠ GAMMA RAY LOG CALIPER LOG

FILE NO:	
API NO:	
COMPANY	CANADIAN IMPERIAL VENTURE CORPORATION
WELL	CIVC PORT AU PORT #1-ST1
FIELD	GARDEN HILL SOUTH DEVELOPMENT
PROVINCE	NEWFOUNDLAND

Ver. 3.81
UWI: PAP1-ST1
TRUE VERTICAL DEPTH

LOCATION:
LIC: ADW2001-117-05-01
NORTHING: 5372856.596
EASTINGS: 335490.997
LAT 48.489 LONG 59.226

OTHER SERVICES
CN-ZDL-GR-CAL
HDIL-GR-CAL
MAC-GR-CAL
CBIL-GR
HDIP-GR CVL

PERMANENT DATUM G.L. ELEVATION 212.53 M
LOG MEASURED FROM K.B. 7.90 M ABOVE P.D.
DRILL. MEAS. FROM KELLY BUSHING

ELEVATIONS:
KB 220.43 M
DF
GL 212.53 M

DATE	09-OCT-2001		
RUN	2	TRIP	1
SERVICE ORDER	200483		
DEPTH DRILLER	3595.0 M		
DEPTH LOGGER	3597.4 M		
BOTTOM LOGGED INTERVAL	3592.5 M		
TOP LOGGED INTERVAL	3495.0 M		
CASING DRILLER	177.8 MM	@3493.0 M	@
CASING LOGGER	3495.0 M		
BIT SIZE	152.0 MM		
TYPE OF FLUID IN HOLE	GEL CHEM POLYMER		
DENSITY / VISCOSITY	1105 G/L	49 S	
PH / FLUID LOSS	9.0	8.0 L	
SOURCE OF SAMPLE	FLOWLINE		
RM AT MEAS. TEMP.	2.1 OHMM	@20 DEGC	@
RMF AT MEAS. TEMP.	2.0 OHMM	@20 DEGC	@
RMC AT MEAS. TEMP.	2.3 OHMM	@20 DEGC	@
SOURCE OF RMF / RMC	MEASURED	MEASURED	
RM AT BHT	1.1 OHMM	@54 DEGC	@
TIME SINCE CIRCULATION	11.0 HOURS		
MAX. RECORDED TEMP.	54 DEGC		
EQUIP. NO. / LOCATION	HL6582	NISKU	
RECORDED BY	D. MCCULLOUGH		
WITNESSED BY	R. STRICKLAND		

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

BOREHOLE RECORD

BIT SIZE	FROM	TO
215.9 MM	2338.0 M	3493.0 M
152.0 MM	3493.0 M	3595.0 M

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
244.5 MM	69.94 KG/M	L-80	0.0 M	2338.0 M
177.8 MM	43.15 KG/M	L-80	2363.4 M	3493.0 M

REMARKS

RUN 2 TRIP 1 :
TIME STOPPED DRILLING: 0430 09-OCT-01
TIME STOPPED CIRCULATING: 0630 09-OCT-01
CORRELATED TO BAKER ATLAS CN-ZDL LOG 29-SEP-2001.
MAXIMUM DEVIATION: 20 DEGREES AT TD.
TRANSIT TIME TICKS EVERY 1, 10, 100 MS.
CEMENT VOLUME TICKS PRESENTED EVERY 0.1, 1.0, & 10.0 M3.
BOREHOLE VOLUME TICKS PRESENTED EVERY 0.1, 1.0, & 10.0 M3.
CALIPER AND VOLUMES MERGED FROM CN-ZDL RUN.
HOLE VOLUME COMPUTED FROM ZDL CALIPER.
POOR MAC RESPONSE CAUSED BY RUGOSE BOREHOLE.
CREW: B. MACDONALD, D. COMEAU.
RIG: SIMMONS #31

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
2	1	SWIVEL	3944XB	094417	FREE
2	1	TTRM	3981XA	168597	FREE
2	1	COMR	3514XA	166161	FREE
2	1	DGR	1329XA	166386	FREE
2	1	MAC E	1667EA	153940	FREE
2	1	KNJT	3923XA	369975	FREE
2	1	MAC R	1678MA	189391	CENTRALIZED
2	1	MAC ISO	1668PA	172683	CENTRALIZED
2	1	MAC TX	1668BA	153903	CENTRALIZED
2	1	MAC TX E	1668FA	154044	CENTRALIZED
2	1	CENT	4341XA	154537	CENTRALIZER

INSTRUMENT CONFIGURATION

Source File: /dat1a/pass/pap1r2/mac-tdg

CABLEHEAD
Series : CABL338
Mnemonic : CBLH
Diameter : 8.6 cm
Weight : 10.9 kg
Length : 167.6 cm

SWIVEL
Series : 3944XA
Mnemonic : SWVL

TTRM SUB
Series : 3981XA
Mnemonic : TTRM
Diameter : 9.2 cm

WTS COMMON REMOTE
Series : 3514XA
Mnemonic : WTS
Diameter : 9.2 cm
Weight : 65.5 kg
Length : 189.5 cm
Temp Rating : 204 deg. C

DIGITAL SPECTRALOG
Series : 1329XA
Mnemonic : DSL
Diameter : 9.2 cm
Weight : 64.5 kg
Length : 222.8 cm
Measure Point: 48.8 cm: GR MP
Temp Rating : 204 deg. C

ARRAY ACOUSTILOG ELECTRONICS
Series : 1667EA
Mnemonic : DAC
Diameter : 8.6 cm
Weight : 61.8 kg
Length : 238.3 cm
Temp Rating : 191 deg. C
Press Rating : 1405 kg/cm2

KNUCKLE JOINT
Series : 3923XA

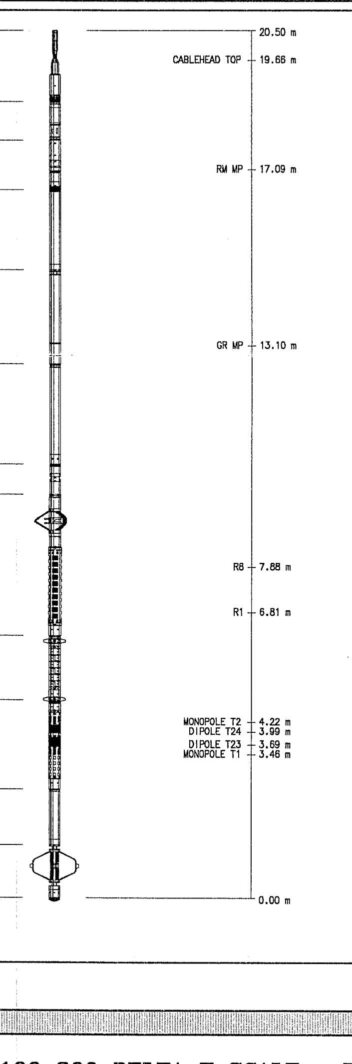
CROSS MULTIPOLE ARRAY ACOUSTILOG
Series : 1678MA
Mnemonic : XMAC
Diameter : 9.8 cm
Weight : 68.2 kg
Length : 332.4 cm
Measure Point: 167.6 cm: R8
Measure Point: 61.0 cm: R1
Temp Rating : 204 deg. C
Press Rating : 1405 kg/cm2

MULTI-POLE ARRAY ACOUSTIC
Series : 1668PA
Mnemonic : MAC
Diameter : 9.2 cm
Weight : 45.5 kg

MULTI-POLE ARRAY ACOUSTIC
Series : 1668BA
Mnemonic : MAC
Diameter : 9.2 cm
Weight : 79.5 kg
Length : 210.8 cm
Measure Point: 165.1 cm: MONOPOLE T2
Measure Point: 142.2 cm: DIPOLE T24
Measure Point: 112.5 cm: DIPOLE T23
Measure Point: 88.9 cm: MONOPOLE T1

MULTI-POLE ARRAY ACOUSTIC
Series : 1668FA
Mnemonic : MAC
Diameter : 8.6 cm
Weight : 34.1 kg

4 ARM BOW SPRING CENTRALIZER
Series : 4341XA
Mnemonic : CENT
Diameter : 8.6 cm



TOTAL LENGTH: 20.59 m
TOTAL WEIGHT: 562.7 kg
MAX DIAMETER: 10.2 cm

MAIN PASS - 100-300 DELTA T SCALE TVD

May 09, 2000 Updates: 1,2,3 | Fileview 2.66c Pcrplt /main/47 | Cplot 5.1 Pdf_Cpp /main/16 | Wed Oct 10 08:13:20 2001

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/pap1r2/f741g03.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 3297.936 m BOTTOM DEPTH: 3600.831 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
CHT	FILTER ()	medium (1)		TOP	BOTTOM
GR	FILTER ()	medium (1)		''	''
DT24	FILTER ()	medium (1)		''	''
TENSION	FILTER ()	medium (1)		''	''

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
BIT SIZE	BIT SIZE	152.000	mm	TOP	BOTTOM

ACOUSTIC POROSITY

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
DELTA T CURVE SELECTION	CURVE SELECTION	first arrival		TOP	BOTTOM

ACOUSTIC PICK CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
DELTA-T REJECTION RANGE	REJECTION DTmin	131	us/m	TOP	BOTTOM
	REJECTION DTmax	591	us/m	''	''
FIRST ARRIVAL PICK (SUB #5,6)	SEARCH START OFFSET (sfa21*)	0	us	''	''
	SEARCH START OFFSET (sfa22*)	20	us	''	''
	SEARCH START OFFSET (sfa23*)	40	us	''	''
	SEARCH START OFFSET (sfa24*)	60	us	''	''
FIRST ARRIVAL PICK (SUB #5,9)	SEARCH WINDOW LENGTH	610	us	''	''
	THRESHOLD FACTOR	0.30		''	''
	THRESHOLD MINIMUM (sfa21*)	35		''	''
	THRESHOLD MINIMUM (sfa22*)	35		''	''
	THRESHOLD MINIMUM (sfa23*)	35		''	''
	THRESHOLD MINIMUM (sfa24*)	34		''	''
	E3 THRESHOLD	OFF		''	''

ACOUSTIC QUALITY CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
CYCLE SKIP LIMIT	CYCLE SKIP LIMIT	100	us	TOP	BOTTOM

ACOUSTIC WAVEFORM FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	5000	Hz	''	''
	HIGH FREQ CUTOFF	20000	Hz	''	''

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/pap1r2/f854f04.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 3301.060 m BOTTOM DEPTH: 3601.822 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
X AXIS CALIPER	FILTER ()	light (2)		TOP	BOTTOM
	FILTER (.h)	light (2)		''	''
	FILTER (.i)	light (2)		''	''
CHT	FILTER ()	medium (1)		''	''
GR	FILTER ()	medium (1)		''	''
TENSION	FILTER ()	medium (1)		''	''

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	127.000	mm	TOP	BOTTOM
BIT SIZE	BIT SIZE	152.000	mm	''	''

CURVE MEASURE POINT OFFSET

CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	DT24QS	4.88	SFA22	5.64	TEN	0.00
CAL	0.91	GR	13.11	SFA23	5.64		
CHT	0.00	SFA21	5.49	SFA24	5.79		

Presentation : cpu1:/dat1a/pass/pap1r2/t_mac_main.pdf [1:240 Scale]
Plot Interval : 3234.39 - 3538.04 Meters

Data File 1 : F1 : cpu1:/dat1a/pass/pap1r2/f741g03.xtf
Created On : Oct 10 07:36:44 2001
Company : Canadian Imperial Ventures Corporation
Well : CIVC Port au Port #1-st1
Field : Garden Hill South Development
File Interval : 3234.39 - 3538.04 Meters
Oct : f741g

DIRECTIONAL SURVEY DATA

Source File: /dat1a/pass/pap1r2/tvd.txt

Onscreen for Windows
Survey Calculation Program
BAKER HUGHES INTEQ

Customer : CANADIAN IMPERIAL VENTURE CORP.
WellName : Port Au Port#1
Location : Onshore West Coast Newfoundland

Vertical Section Calculated on: 275.6000
Survey Calculation Method: Minimum Curvature

#	Depth Meters	Inc Degree	Azimuth Degree	TVD Meters	Section Meters	North (M)	East (M)	DoglegB /30m
0	2295.00	1.75	149.00	2293.68	-44.91	-20.74	43.09	0.00
1	2334.00	1.29	148.10	2332.67	-45.53	-21.62	43.63	0.35
2	2338.20	1.60	266.10	2336.87	-45.50	-21.67	43.60	17.73
3	2348.20	4.30	273.50	2346.85	-44.99	-21.65	43.08	8.16
4	2358.10	6.90	283.70	2356.70	-44.03	-21.49	42.13	8.41
5	2367.80	8.30	276.70	2366.32	-42.75	-21.27	40.87	5.18
6	2376.90	8.60	281.90	2375.32	-41.42	-21.05	39.55	2.71
7	2386.50	8.80	282.00	2384.81	-39.98	-20.75	38.13	0.63
8	2396.50	8.80	282.70	2394.69	-38.46	-20.43	36.64	0.32
9	2405.80	8.80	285.10	2403.88	-37.05	-20.08	35.26	1.18
10	2414.90	8.90	284.40	2412.87	-35.67	-19.73	33.90	0.48
11	2424.20	9.30	283.40	2422.06	-34.21	-19.37	32.48	1.39
12	2433.80	10.50	277.40	2431.51	-32.57	-19.08	30.85	4.94
13	2443.50	12.20	272.10	2441.02	-30.66	-18.93	28.95	6.16
14	2453.10	13.40	269.30	2450.39	-28.54	-18.91	26.83	4.22
15	2462.30	14.20	268.30	2459.32	-26.36	-18.95	24.63	2.72
16	2471.80	14.60	267.40	2468.52	-24.02	-19.04	22.27	1.45
17	2481.50	15.10	268.60	2477.90	-21.56	-19.13	19.79	1.82
18	2491.10	15.20	271.10	2487.16	-19.06	-19.14	17.28	2.07
19	2500.30	15.20	273.20	2496.04	-16.66	-19.04	14.87	1.80
20	2509.80	15.00	274.20	2505.21	-14.18	-18.89	12.40	1.04
21	2519.50	14.80	275.60	2514.59	-11.69	-18.67	9.91	1.27
22	2528.60	14.40	277.10	2523.39	-9.40	-18.42	7.64	1.81
23	2538.20	14.70	278.80	2532.69	-6.99	-18.09	5.25	1.63
24	2547.70	15.30	280.60	2541.86	-4.53	-17.67	2.82	2.40
25	2557.30	15.10	282.30	2551.13	-2.03	-17.17	0.36	1.53
26	2566.70	14.60	282.30	2560.21	0.36	-16.66	-2.00	1.60
27	2576.40	14.20	281.60	2569.61	2.76	-16.16	-4.36	1.35
28	2585.80	14.20	280.20	2578.72	5.05	-15.72	-6.62	1.10
29	2595.00	14.50	280.20	2587.63	7.33	-15.32	-8.86	0.98
30	2604.60	15.20	280.90	2596.91	9.78	-14.87	-11.28	2.26
31	2613.90	16.20	281.30	2605.87	12.28	-14.38	-13.75	3.24
32	2623.40	17.10	281.60	2614.97	14.99	-13.84	-16.42	2.86
33	2633.10	17.50	282.00	2624.23	17.86	-13.25	-19.24	1.29
34	2642.70	17.40	280.60	2633.39	20.72	-12.69	-22.07	1.35
35	2652.10	17.60	278.10	2642.35	23.54	-12.23	-24.86	2.48
36	2661.40	17.70	274.90	2651.21	26.36	-11.91	-27.66	3.15
37	2670.70	17.70	273.50	2660.07	29.19	-11.70	-30.48	1.37
38	2680.30	17.80	275.70	2669.22	32.11	-11.47	-33.39	2.12
39	2689.30	18.10	278.80	2677.78	34.89	-11.12	-36.14	3.34
40	2699.00	18.40	282.00	2686.99	37.91	-10.57	-39.13	3.23
41	2708.60	19.30	283.70	2696.08	40.99	-9.88	-42.15	3.29
42	2718.20	20.80	283.70	2705.09	44.25	-9.10	-45.35	4.69
43	2727.70	22.00	282.70	2713.94	47.68	-8.31	-48.73	3.96
44	2737.20	22.20	283.00	2722.74	51.23	-7.51	-52.21	0.73
45	2746.50	21.60	283.40	2731.37	54.67	-6.72	-55.59	1.99
46	2756.00	20.70	284.40	2740.23	58.06	-5.90	-58.91	3.06
47	2765.60	19.60	284.80	2749.24	61.32	-5.07	-62.11	3.46
48	2775.10	19.40	283.70	2758.20	64.46	-4.28	-65.19	1.32
49	2784.60	20.00	282.30	2767.14	67.63	-3.56	-68.31	2.41
50	2794.30	21.00	282.00	2776.23	71.01	-2.85	-71.63	3.11
51	2803.90	22.10	283.00	2785.16	74.51	-2.09	-75.07	3.62
52	2813.40	22.10	282.30	2793.96	78.06	-1.30	-78.56	0.83
53	2823.00	21.20	280.20	2802.88	81.58	-0.61	-82.03	3.71
54	2832.60	20.30	277.80	2811.86	84.97	-0.08	-85.39	3.87
55	2842.30	19.80	275.70	2820.97	88.30	0.31	-88.69	2.71
56	2851.80	19.90	275.30	2829.91	91.53	0.62	-91.90	0.53
57	2861.50	20.70	275.30	2839.00	94.89	0.93	-95.25	2.47
58	2871.00	21.10	274.60	2847.88	98.28	1.23	-98.63	1.49
59	2880.60	21.00	273.90	2856.84	101.73	1.48	-102.07	0.85
60	2890.20	21.20	273.90	2865.79	105.18	1.72	-105.52	0.63
61	2899.20	21.70	274.20	2874.17	108.47	1.95	-108.80	1.71
62	2908.90	22.40	276.00	2883.16	112.11	2.27	-112.43	3.01
63	2918.50	21.90	278.10	2892.05	115.73	2.72	-116.02	2.93
64	2928.10	20.70	277.10	2901.00	119.21	3.18	-119.47	3.92
65	2937.60	19.40	275.30	2909.92	122.47	3.53	-122.71	4.54
66	2947.30	19.00	274.60	2919.08	125.66	3.81	-125.89	1.43
67	2956.40	19.00	274.90	2927.69	128.62	4.05	-128.84	0.32
68	2965.90	19.60	276.70	2936.65	131.76	4.37	-131.97	2.67
69	2975.40	20.30	277.80	2945.58	135.00	4.78	-135.18	2.51
70	2984.60	20.50	277.80	2954.21	138.21	5.22	-138.36	0.65
71	2994.20	20.90	277.80	2963.19	141.60	5.68	-141.72	1.25
72	3003.80	21.20	277.40	2972.14	145.04	6.13	-145.14	1.04
73	3013.40	21.10	276.70	2981.10	148.51	6.56	-148.58	0.85
74	3022.90	20.70	277.40	2989.97	151.89	6.97	-151.94	1.49
75	3032.50	20.00	279.20	2998.97	155.23	7.45	-155.24	2.93
76	3042.10	18.80	278.80	3008.03	158.41	7.95	-158.39	3.77
77	3051.50	18.50	278.80	3016.94	161.41	8.41	-161.36	0.96
78	3061.20	18.60	277.80	3026.13	164.49	8.86	-164.42	1.03
79	3070.80	19.30	277.80	3035.21	167.61	9.28	-167.50	2.19
80	3080.40	19.80	278.10	3044.26	170.82	9.73	-170.69	1.59
81	3089.90	20.10	278.80	3053.19	174.06	10.20	-173.89	1.21
82	3099.50	19.90	278.50	3062.21	177.34	10.70	-177.14	0.70
83	3109.10	19.40	278.50	3071.25	180.56	11.17	-180.33	1.56
84	3118.70	19.20	277.10	3080.31	183.73	11.60	-183.47	1.58
85	3128.30	19.20	275.60	3089.38	186.89	11.95	-186.61	1.54
86	3137.80	19.50	274.90	3098.34	190.03	12.24	-189.75	1.20
87	3147.50	20.00	276.30	3107.47	193.31	12.56	-193.01	2.13
88	3157.10	19.90	277.10	3116.49	196.59	12.94	-196.26	0.91
89	3166.60	19.20	278.10	3125.45	199.76	13.36	-199.41	2.45
90	3176.20	18.50	278.80	3134.53	202.86	13.82	-202.48	2.30
91	3185.30	18.10	278.80	3143.17	205.71	14.26	-205.30	1.32
92	3194.70	18.20	278.50	3152.10	208.64	14.70	-208.20	0.44
93	3204.30	18.20	277.80	3161.22	211.63	15.12	-211.17	0.68
94	3213.80	18.50	277.80	3170.24	214.62	15.53	-214.13	0.95
95	3223.40	18.90	277.40	3179.33	217.70	15.93	-217.18	1.31
96	3233.00	19.30	276.00	3188.40	220.84	16.30	-220.30	1.90
97	3242.70	20.00	276.00	3197.54	224.10	16.64	-223.54	2.16
98	3252.30	20.30	276.70	3206.55	227.41	17.01	-226.83	1.20
99	3261.50	20.50	277.40	3215.17	230.61	17.40	-230.01	1.03
100	3270.90	20.50	277.40	3223.98	233.90	17.83	-233.28	0.00
101	3280.30	20.60	277.80	3232.78	237.20	18.26	-236.55	0.55
102	3289.90	20.40	278.10	3241.77	240.56	18.73	-239.88	0.71
103	3299.30	19.40	278.10	3250.61	243.76	19.18	-243.05	3.19
104	3308.90	18.50	278.80	3259.69	246.87	19.64	-246.13	2.90
105	3318.40	17.80	280.20	3268.72	249.82	20.12	-249.05	2.60
106	3328.00	17.40	282.30	3277.87	252.71	20.69	-251.89	2.34
107	3337.30	17.00	284.10	3286.75	255.44	21.32	-254.57	2.15
108	3346.70	16.70	284.44	3295.75	258.13	21.99	-257.21	1.01
109	3356.40	17.10	284.10	3305.03	260.92	22.68	-259.94	1.27
110	3365.70	17.30	282.70	3313.91	263.64	23.32	-262.62	1.48
111	3375.30	17.40	281.30	3323.08	266.49	23.91	-265.42	1.34
112	3384.40	18.10	280.20	3331.74	269.25	24.43	-268.15	2.56
113	3393.90	19.30	279.20	3340.74	272.29	24.94	-271.15	3.92
114	3402.70	20.40	278.80	3349.02	275.27	25.41	-274.10	3.78
115	3411.90	21.10	278.50	3357.62	278.53	25.90	-277.32	2.31
116	3421.00	21.10	279.20	3366.11	281.80	26.41	-280.56	0.83
117	3430.30	20.50	280.60	3374.81	285.09	26.97	-283.81	2.51
118	3439.40	19.40	281.30	3383.36	288.18	27.56	-286.86	3.71
119	3449.20	18.50	280.90	3392.63	291.35	28.17	-289.98	2.78
120	3460.40	18.20	278.80	3403.26	294.86	28.78	-293.46	1.94
121	3469.50	18.30	279.20	3411.90	297.71	29.22	-296.27	0.53
122	3478.60	16.60	281.30	3420.58	300.43	29.71	-298.96	5.98
-1	3485.60	15.29	282.92	3427.31	302.34	30.11	-300.84	5.93

Closure is 302.3394 on an azimuth of 275.7155

Source File: /dat1a/pass/pap1r2/tvd_us.txt

BAKER ATLAS SURVEY

Canadian Imperial Ventures Corp.
CIVC Port Au Port #1 - ST1

DEPTH	DEVIATION ANGLE	AZIMUTH	T.V.D.
3485.62	15.3	282.9	3427.31
3495.62	15.8	281.3	3436.92
3505.62	16.1	280.7	3446.54
3515.62	16.4	280.1	3456.13
3525.62	17.0	280.7	3465.71
3535.62	17.3	280.8	3475.27
3545.62	17.7	281.0	3484.80
3555.62	18.3	281.4	3494.31
3565.62	18.8	281.2	3503.80
3575.62	19.3	280.9	3513.25
3585.62	20.0	281.0	3522.67
3587.62	20.0	280.8	3524.55

BAKER HUGHES
Baker Atlas

COMPANY	CANADIAN IMPERIAL VENTURE CORPORATION	FILE NO:
WELL	CIVC PORT AU PORT #1-ST1	
FIELD	GARDEN HILL SOUTH DEVELOPMENT	API NO:
PROVINCE	NEWFOUNDLAND	

LOCATION:
LIC: ADW2001-117-05-01
NORTHING: 5372856.596
EASTINGS: 335490.997
LAT 48.489 LONG 59.226

ELEVATIONS:
KB 220.43 M
DF
GL 212.53 M

UWI: PAP1-ST1
TRUE VERTICAL DEPTH
DATE 09-OCT-2001

FILE NO:	COMPANY: CANADIAN IMPERIAL VENTURE CORPORATION
API NO:	WELL: CIVC PORT AU PORT #1-ST1
	FIELD: GARDEN HILL SOUTH DEVELOPMENT
	PROVINCE: NEWFOUNDLAND

BAKER HUGHES — Baker Atlas

TRUE VERTICAL DEPTH COMPENSATED Z-DENSILOG℠ COMPENSATED NEUTRON LOG GAMMA RAY LOG CALIPER LOG

Rec'd DM:E Oct. 17, 2001

Ver. 3.81
UWI: PAP1-ST1
TRUE VERTICAL DEPTH

LOCATION:
LIC: ADW2001-117-05-01
NORTHING: 5372856.596
EASTINGS: 335490.997
LAT 48.489 LONG 59.226

OTHER SERVICES: CN-ZDL-GR-CAL, HDIL-GR-CAL, MAC-GR-CAL, CBIL-GR, HDIP-GR CVL

PERMANENT DATUM: G.L. ELEVATION 212.53 M
LOG MEASURED FROM: K.B. 7.90 M ABOVE P.D.
DRILL. MEAS. FROM: KELLY BUSHING

ELEVATIONS: KB 220.43 M; DF; GL 212.53 M

DATE	09-OCT-2001		
RUN / TRIP	2	1	
SERVICE ORDER	200483		
DEPTH DRILLER	3595.0 M		
DEPTH LOGGER	3597.5 M		
BOTTOM LOGGED INTERVAL	3596.5 M		
TOP LOGGED INTERVAL	3495.0 M		
CASING DRILLER	177.8 MM	@3493.0 M	@
CASING LOGGER	3495.0 M		
BIT SIZE	152.0 MM		
TYPE OF FLUID IN HOLE	GEL CHEM POLYMER		
DENSITY / VISCOSITY	1105 G/L	49 S	
PH / FLUID LOSS	9.0	8.0 L	
SOURCE OF SAMPLE	FLOWLINE		
RM AT MEAS. TEMP.	2.1 OHMM	@20 DEGC	@
RMF AT MEAS. TEMP.	2.0 OHMM	@20 DEGC	@
RMC AT MEAS. TEMP.	2.3 OHMM	@20 DEGC	@
SOURCE OF RMF / RMC	MEASURED	MEASURED	
RM AT BHT	1.1 OHMM	@55 DEGC	@
TIME SINCE CIRCULATION	14.5 HOURS		
MAX. RECORDED TEMP.	55 DEGC		
EQUIP. NO. / LOCATION	HL6582	NISKU	
RECORDED BY	D. MCCULLOUGH		
WITNESSED BY	R. STRICKLAND		

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

BOREHOLE RECORD

BIT SIZE	FROM	TO
215.9 MM	2338.0 M	3493.0 M
152.0 MM	3493.0 M	3595.0 M

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
244.5 MM	69.94 KG/M	L-80	0.0 M	2338.0 M
177.8 MM	43.15 KG/M	L-80	2363.4 M	3493.0 M

REMARKS

RUN 2 TRIP 1 :
TIME STOPPED DRILLING: 0430 09-OCT-01
TIME STOPPED CIRCULATING: 0630 09-OCT-01
CORRELATED TO BAKER ATLAS CN-ZDL LOG 29-SEP-2001.
MAXIMUM DEVIATION: 20 DEGREES AT TD.
DOLOMITE MATRIX USED: 2860 KG/M3
CEMENT VOLUME TICKS PRESENTED EVERY 0.1, 1.0, & 10.0 M3.
BOREHOLE VOLUME TICKS PRESENTED EVERY 0.1, 1.0, & 10.0 M3.
HOLE VOLUME COMPUTED FROM ZDL CALIPER.
CREW: B. MACDONALD, D. COMEAU.
RIG: SIMMONS #31

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
2	1	SWIVEL	3944XB	094417	FREE
2	1	TTRM	3981XA	168597	FREE
2	1	COMR	3514XA	166161	FREE
2	1	DGR	1329XA	166386	FREE
2	1	KNJT	3923XA	369838	FREE
2	1	CN	2446XA	153106	DECENTRALIZED
2	1	ZDL E	2228EA	152973	FREE
2	1	ZDL M	2228MA	153027	PAD DEVICE

INSTRUMENT CONFIGURATION

Source File: /dat1a/pass/pap1r2/zdl-tdg

CABLEHEAD
Series : CABL338
Mnemonic : CBLH
Diameter : 8.6 cm
Weight : 10.9 kg
Length : 167.6 cm

SWIVEL
Series : 3944XB
Mnemonic : SWVL

TTRM SUB
Series : 3981XA
Mnemonic : TTRM
Diameter : 9.2 cm

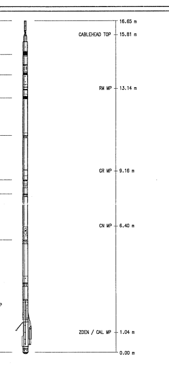
WTS COMMON REMOTE
Series : 3514XA
Mnemonic : WTS
Diameter : 9.2 cm
Weight : 65.5 kg
Length : 189.5 cm
Temp Rating : 204 deg. C

DIGITAL SPECTRALOG
Series : 1329XA
Mnemonic : DSL
Diameter : 9.2 cm
Weight : 64.5 kg
Length : 222.8 cm
Measure Point: 48.8 cm: GR MP
Temp Rating : 204 deg. C

KNUCKLE JOINT
Series : 3923XA

COMPENSATED NEUTRON
Series : 2446XA
Mnemonic : CN
Diameter : 9.2 cm
Weight : 68.2 kg
Length : 231.4 cm
Measure Point: 74.9 cm: CN MP
Temp Rating : 204 deg. C
Press Rating : 1405 kg/cm2

Z-DENSILOG
Series : 2228XA
Mnemonic : ZDL
Diameter : 12.4 cm
Weight : 213.6 kg
Length : 564.6 cm
Measure Point: 104.1 cm: ZDEN / CAL MP
Temp Rating : 177 deg. C
Press Rating : 1405 kg/cm2



TOTAL LENGTH: 16.74 m
TOTAL WEIGHT: 512.3 kg
MAX DIAMETER: 12.4 cm

MAIN PASS - DOLOMITE MATRIX TVD

May 09, 2000 Fileview 2.66c Cplot 5.1 Wed Oct 10 08:43:22 2001
Updates: 1,2,3 Pcrplt /main/47 Pdf_Cpp /main/16

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/pap1r2/f854fR04.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 3301.060 m BOTTOM DEPTH: 3601.288 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
X AXIS CALIPER	FILTER ()	light (2)		TOP	BOTTOM
	FILTER (.h)	light (2)		''	''
	FILTER (.l)	light (2)		''	''
CHT	FILTER ()	medium (1)		''	''
GR	FILTER ()	medium (1)		''	''
CN	FILTER ()	medium (1)		''	''
ZDL	FILTER ()	medium (1)		''	''
SPEED	FILTER ()	medium (1)		''	''
TENSION	FILTER ()	medium (1)		''	''

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
CASING - BOREHOLE & CEMENT VOLUME	CASING THICKNESS	0.000	mm	TOP	BOTTOM
	CASING O.D.	127.000	mm	''	''
BIT SIZE	BIT SIZE	152.000	mm	''	''
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (cnbh*)	USE CALIPER		''	''
BOREHOLE CORR DIAMETER	FIXED DIAMETER (cnbh*)	152.000	mm	''	''

CN PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
2446 CN MATRIX	2446 MATRIX	DOLOMITE		TOP	BOTTOM
CN SALINITY CORRECTION	SALINITY	0	ppm	''	''
CN CASING & CEMENT CORRECTION	CORRECTION	OFF		''	''
	BIT SIZE BEHIND CSNG	200.025	mm	''	''

ZDL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
ZDL CHI-SMOOTH FILTER	DEN CHISM	ON		TOP	BOTTOM
	PE CHISM	OFF		''	''
DENSITY POROSITY	RHOmatrix	2.860	g/cm3	''	''
	RHOfluid	1.000	g/cm3	''	''
ZDL	ZDL GAIN	2018		''	''
	ZDL TRACKING	ON		''	''

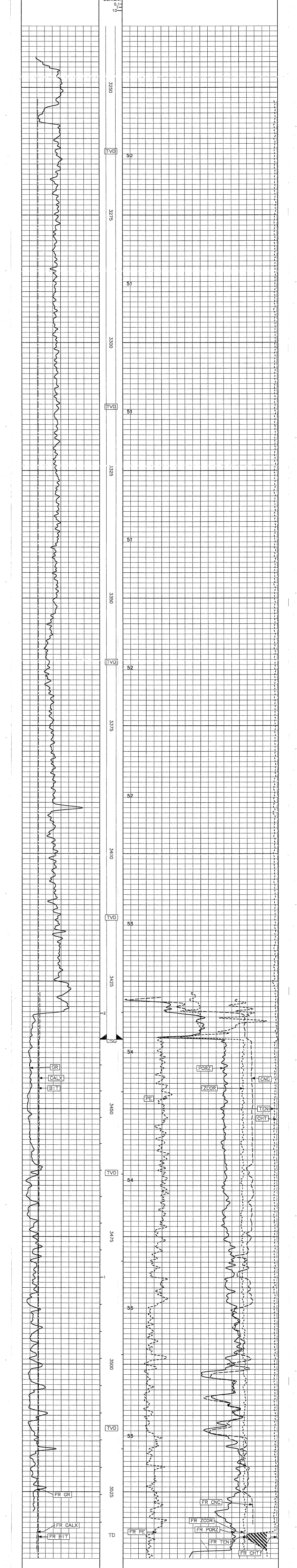
CURVE MEASURE POINT OFFSET

CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	CNC	6.32	PORZ	0.99		
CALX	0.99	GR	9.14	TEN	0.00		
CHT	0.00	PE	0.99	ZCOR	0.99		

Presentation : cpu1:/dat1a/pass/pap1r2/t_zdl_main-dol.pdf [1:240 Scale]
Plot Interval : 3238.27 - 3537.97 Meters

Data File 1 : F1 : cpu1:/dat1a/pass/pap1r2/f854fR04.xtf
Created On : Oct 10 07:55:03 2001
Company : Canadian Imperial Ventures Corporation
Well : CIVC Port au Port #1-st1
Field : Garden Hill South Development
File Interval : 3238.27 - 3537.97 Meters
Oct : f854f

GR BACKUP | METERS | TOOL STICKING
XCAL < BIT
GAMMA RAY [gr] 0 — 150 (gAPI) | Z-DENSITY DOLOMITE POROSITY [porz] 45 — -15 (pu)
Caliper X [calx] 100 — 350 (mm) | NEUTRON DOLOMITE POROSITY [cnc] 45 — -15 (pu)
BIT SIZE 100 — 350 (mm) | Z-CORR [zcor] -1500 — 500 (kg/m3)
P.E. [pe] 0 — 20 (b/e)
DIFF. TENSION [ten] 1900 — -100 (kgf)
CH-TENSION [cht] 5500 — 500 (kgf)
WTBH
MINUTE MARK -1 | BVOL 0.1 1 10 | Cement 0.1 1 10



GR BACKUP | METERS | TOOL STICKING
XCAL < BIT
GAMMA RAY [gr] 0 — 150 (gAPI) | Z-DENSITY DOLOMITE POROSITY [porz] 45 — -15 (pu)
Caliper X [calx] 100 — 350 (mm) | NEUTRON DOLOMITE POROSITY [cnc] 45 — -15 (pu)
BIT SIZE 100 — 350 (mm) | Z-CORR [zcor] -1500 — 500 (kg/m3)
P.E. [pe] 0 — 20 (b/e)
DIFF. TENSION [ten] 1900 — -100 (kgf)
CH-TENSION [cht] 5500 — 500 (kgf)
WTBH
MINUTE MARK -1 | BVOL 0.1 1 10 | Cement 0.1 1 10

MAIN PASS - LIMESTONE MATRIX TVD

May 09, 2000 Fileview 2.66c Cplot 5.1 Wed Oct 10 08:36:38 2001
Updates: 1,2,3 Pcrplt /main/47 Pdf_Cpp /main/16

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/pap1r2/f854f04.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 3301.060 m BOTTOM DEPTH: 3601.822 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
X AXIS CALIPER	FILTER ()	light (2)		TOP	BOTTOM
	FILTER (.h)	light (2)		''	''
	FILTER (.l)	light (2)		''	''
CHT	FILTER ()	medium (1)		''	''
GR	FILTER ()	medium (1)		''	''
CN	FILTER ()	medium (1)		''	''
ZDL	FILTER ()	medium (1)		''	''
SPEED	FILTER ()	medium (1)		''	''
TENSION	FILTER ()	medium (1)		''	''

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
CASING - BOREHOLE & CEMENT VOLUME	CASING THICKNESS	0.000	mm	TOP	BOTTOM
	CASING O.D.	127.000	mm	''	''
BIT SIZE	BIT SIZE	152.000	mm	''	''
BOREHOLE CORR DIAMETER SOURCE	CALIPER/FIXED DIA. (cnbh*)	USE CALIPER		''	''
BOREHOLE CORR DIAMETER	FIXED DIAMETER (cnbh*)	152.000	mm	''	''

CN PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
2446 CN MATRIX	2446 MATRIX	LIMESTONE		TOP	BOTTOM
CN SALINITY CORRECTION	SALINITY	0	ppm	''	''
CN CASING & CEMENT CORRECTION	CORRECTION	OFF		''	''
	BIT SIZE BEHIND CSNG	200.025	mm	''	''

ZDL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
ZDL CHI-SMOOTH FILTER	DEN CHISM	ON		TOP	BOTTOM
	PE CHISM	OFF		''	''
DENSITY POROSITY	RHOmatrix	2.710	g/cm3	''	''
	RHOfluid	1.000	g/cm3	''	''
ZDL	ZDL GAIN	2139		''	''
	ZDL TRACKING	ON		''	''

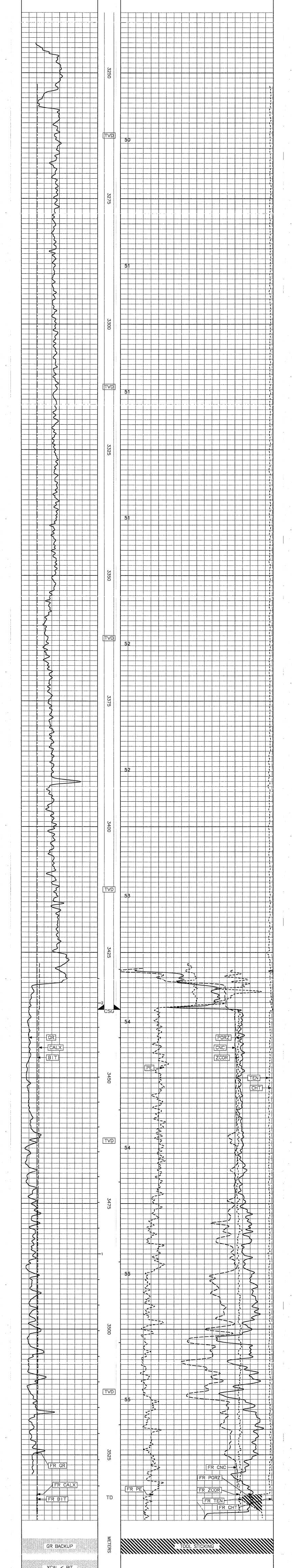
CURVE MEASURE POINT OFFSET

CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	CNC	6.32	PORZ	0.99		
CALX	0.99	GR	9.14	TEN	0.00		
CHT	0.00	PE	0.99	ZCOR	0.99		

Presentation : cpu1:/dat1a/pass/pap1r2/t_zdl_main-ls.pdf [1:240 Scale]
Plot Interval : 3238.27 - 3537.97 Meters

Data File 1 : F1 : cpu1:/dat1a/pass/pap1r2/f854f04.xtf
Created On : Oct 10 07:49:58 2001
Company : Canadian Imperial Ventures Corporation
Well : CIVC Port au Port #1-st1
Field : Garden Hill South Development
File Interval : 3238.27 - 3537.97 Meters
Oct : f854f

GR BACKUP | METERS | TOOL STICKING
XCAL < BIT
GAMMA RAY [gr] 0 — 150 (gAPI) | Z-DENSITY LIMESTONE POROSITY [porz] 45 — -15 (pu)
Caliper X [calx] 100 — 350 (mm) | NEUTRON LIMESTONE POROSITY [cnc] 45 — -15 (pu)
BIT SIZE 100 — 350 (mm) | Z-CORR [zcor] -1500 — 500 (kg/m3)
P.E. [pe] 0 — 20 (b/e)
DIFF. TENSION [ten] 1900 — -100 (kgf)
CH-TENSION [cht] 5500 — 500 (kgf)
WTBH
MINUTE MARK -1 | BVOL 0.1 1 10 | Cement 0.1 1 10



GR BACKUP | METERS | TOOL STICKING
XCAL < BIT
GAMMA RAY [gr] 0 — 150 (gAPI) | Z-DENSITY LIMESTONE POROSITY [porz] 45 — -15 (pu)
Caliper X [calx] 100 — 350 (mm) | NEUTRON LIMESTONE POROSITY [cnc] 45 — -15 (pu)
BIT SIZE 100 — 350 (mm) | Z-CORR [zcor] -1500 — 500 (kg/m3)
P.E. [pe] 0 — 20 (b/e)
DIFF. TENSION [ten] 1900 — -100 (kgf)
CH-TENSION [cht] 5500 — 500 (kgf)
WTBH
MINUTE MARK -1 | BVOL 0.1 1 10 | Cement 0.1 1 10

DIRECTIONAL SURVEY DATA

Source File: /dat1a/pass/pap1r2/tvd.txt

Onscreen for Windows
Survey Calculation Program
BAKER HUGHES INTEQ

Customer : CANADIAN IMPERIAL VENTURE CORP.
WellName : Port Au Port#1
Location : Onshore West Coast Newfoundland

Vertical Section Calculated on: 275.6000
Survey Calculation Method: Minimum Curvature

#	Depth Meters	Inc Degree	Azimuth Degree	TVD Meters	Section Meters	North (M)	East (M)	DoglegB /30m
0	2295.00	1.75	149.00	2293.68	-44.91	-20.74	43.09	0.00
1	2334.00	1.29	148.10	2332.67	-45.53	-21.62	43.63	0.35
2	2338.20	1.60	266.10	2336.87	-45.50	-21.67	43.60	17.73
3	2348.20	4.30	273.50	2346.85	-44.99	-21.65	43.08	8.16
4	2358.10	6.90	283.70	2356.70	-44.03	-21.49	42.13	8.41
5	2367.80	8.30	276.70	2366.32	-42.75	-21.27	40.87	5.18
6	2376.90	8.60	281.90	2375.32	-41.42	-21.05	39.55	2.71
7	2386.50	8.80	282.00	2384.81	-39.98	-20.75	38.13	0.63
8	2396.50	8.80	282.70	2394.69	-38.46	-20.43	36.64	0.32
9	2405.80	8.80	285.10	2403.88	-37.05	-20.08	35.26	1.18
10	2414.90	8.90	284.40	2412.87	-35.67	-19.73	33.90	0.48
11	2424.20	9.30	283.40	2422.06	-34.21	-19.37	32.48	1.39
12	2433.80	10.50	277.40	2431.51	-32.57	-19.08	30.85	4.94
13	2443.50	12.20	272.10	2441.02	-30.66	-18.93	28.95	6.16
14	2453.10	13.40	269.30	2450.39	-28.54	-18.91	26.83	4.22
15	2462.30	14.20	268.30	2459.32	-26.36	-18.95	24.63	2.72
16	2471.80	14.60	267.40	2468.52	-24.02	-19.04	22.27	1.45
17	2481.50	15.10	268.60	2477.90	-21.56	-19.13	19.79	1.82
18	2491.10	15.20	271.10	2487.16	-19.06	-19.14	17.28	2.07
19	2500.30	15.20	273.20	2496.04	-16.66	-19.04	14.87	1.80
20	2509.80	15.00	274.20	2505.21	-14.18	-18.89	12.40	1.04
21	2519.50	14.80	275.60	2514.59	-11.69	-18.67	9.91	1.27
22	2528.60	14.40	277.10	2523.39	-9.40	-18.42	7.64	1.81
23	2538.20	14.70	278.80	2532.69	-6.99	-18.09	5.25	1.63
24	2547.70	15.30	280.60	2541.86	-4.53	-17.67	2.82	2.40
25	2557.30	15.10	282.30	2551.13	-2.03	-17.17	0.36	1.53
26	2566.70	14.60	282.30	2560.21	0.36	-16.66	-2.00	1.60
27	2576.40	14.20	281.60	2569.61	2.76	-16.16	-4.36	1.35
28	2585.80	14.20	280.20	2578.72	5.05	-15.72	-6.62	1.10
29	2595.00	14.50	280.20	2587.63	7.33	-15.32	-8.86	0.98
30	2604.60	15.20	280.90	2596.91	9.78	-14.87	-11.28	2.26
31	2613.90	16.20	281.30	2605.87	12.28	-14.38	-13.75	3.24
32	2623.40	17.10	281.60	2614.97	14.99	-13.84	-16.42	2.86
33	2633.10	17.50	282.00	2624.23	17.86	-13.25	-19.24	1.29
34	2642.70	17.40	280.60	2633.39	20.72	-12.69	-22.07	1.35
35	2652.10	17.60	278.10	2642.35	23.54	-12.23	-24.86	2.48
36	2661.40	17.70	274.90	2651.21	26.36	-11.91	-27.66	3.15
37	2670.70	17.70	273.50	2660.07	29.19	-11.70	-30.48	1.37
38	2680.30	17.80	275.70	2669.22	32.11	-11.47	-33.39	2.12
39	2689.30	18.10	278.80	2677.78	34.89	-11.12	-36.14	3.34
40	2699.00	18.40	282.00	2686.99	37.91	-10.57	-39.13	3.23
41	2708.60	19.30	283.70	2696.08	40.99	-9.88	-42.15	3.29
42	2718.20	20.80	283.70	2705.09	44.25	-9.10	-45.35	4.69
43	2727.70	22.00	282.70	2713.94	47.68	-8.31	-48.73	3.96
44	2737.20	22.20	283.00	2722.74	51.23	-7.51	-52.21	0.73
45	2746.50	21.60	283.40	2731.37	54.67	-6.72	-55.59	1.99
46	2756.00	20.70	284.40	2740.23	58.06	-5.90	-58.91	3.06
47	2765.60	19.60	284.80	2749.24	61.32	-5.07	-62.11	3.46
48	2775.10	19.40	283.70	2758.20	64.46	-4.28	-65.19	1.32
49	2784.60	20.00	282.30	2767.14	67.63	-3.56	-68.31	2.41
50	2794.30	21.00	282.00	2776.23	71.01	-2.85	-71.63	3.11
51	2803.90	22.10	283.00	2785.16	74.51	-2.09	-75.07	3.62
52	2813.40	22.10	282.30	2793.96	78.06	-1.30	-78.56	0.83
53	2823.00	21.20	280.20	2802.88	81.58	-0.61	-82.03	3.71
54	2832.60	20.30	277.80	2811.86	84.97	-0.08	-85.39	3.87
55	2842.30	19.80	275.70	2820.97	88.30	0.31	-88.69	2.71
56	2851.80	19.90	275.30	2829.91	91.53	0.62	-91.90	0.53
57	2861.50	20.70	275.30	2839.00	94.89	0.93	-95.25	2.47
58	2871.00	21.10	274.60	2847.88	98.28	1.23	-98.63	1.49
59	2880.60	21.00	273.90	2856.84	101.73	1.48	-102.07	0.85
60	2890.20	21.20	273.90	2865.79	105.18	1.72	-105.52	0.63
61	2899.20	21.70	274.20	2874.17	108.47	1.95	-108.80	1.71
62	2908.90	22.40	276.00	2883.16	112.11	2.27	-112.43	3.01
63	2918.50	21.90	278.10	2892.05	115.73	2.72	-116.02	2.93
64	2928.10	20.70	277.10	2901.00	119.21	3.18	-119.47	3.92
65	2937.60	19.40	275.30	2909.92	122.47	3.53	-122.71	4.54
66	2947.30	19.00	274.60	2919.08	125.66	3.81	-125.89	1.43
67	2956.40	19.00	274.90	2927.69	128.62	4.05	-128.84	0.32
68	2965.90	19.60	276.70	2936.65	131.76	4.37	-131.97	2.67
69	2975.40	20.30	277.80	2945.58	135.00	4.78	-135.18	2.51
70	2984.60	20.50	277.80	2954.21	138.21	5.22	-138.36	0.65
71	2994.20	20.90	277.80	2963.19	141.60	5.68	-141.72	1.25
72	3003.80	21.20	277.40	2972.14	145.04	6.13	-145.14	1.04
73	3013.40	21.10	276.70	2981.10	148.51	6.56	-148.58	0.85
74	3022.90	20.70	277.40	2989.97	151.89	6.97	-151.94	1.49
75	3032.50	20.00	279.20	2998.97	155.23	7.45	-155.24	2.93
76	3042.10	18.80	278.80	3008.03	158.41	7.95	-158.39	3.77
77	3051.50	18.50	278.80	3016.94	161.41	8.41	-161.36	0.96
78	3061.20	18.60	277.80	3026.13	164.49	8.86	-164.42	1.03
79	3070.80	19.30	277.80	3035.21	167.61	9.28	-167.50	2.19
80	3080.40	19.80	278.10	3044.26	170.82	9.73	-170.69	1.59
81	3089.90	20.10	278.80	3053.19	174.06	10.20	-173.89	1.21
82	3099.50	19.90	278.50	3062.21	177.34	10.70	-177.14	0.70
83	3109.10	19.40	278.50	3071.25	180.56	11.17	-180.33	1.56
84	3118.70	19.20	277.10	3080.31	183.73	11.60	-183.47	1.58
85	3128.30	19.20	275.60	3089.38	186.89	11.95	-186.61	1.54
86	3137.80	19.50	274.90	3098.34	190.03	12.24	-189.75	1.20
87	3147.50	20.00	276.30	3107.47	193.31	12.56	-193.01	2.13
88	3157.10	19.90	277.10	3116.49	196.59	12.94	-196.26	0.91
89	3166.60	19.20	278.10	3125.45	199.76	13.36	-199.41	2.45
90	3176.20	18.50	278.80	3134.53	202.86	13.82	-202.48	2.30
91	3185.30	18.10	278.80	3143.17	205.71	14.26	-205.30	1.32
92	3194.70	18.20	278.50	3152.10	208.64	14.70	-208.20	0.44
93	3204.30	18.20	277.80	3161.22	211.63	15.12	-211.17	0.68
94	3213.80	18.50	277.80	3170.24	214.62	15.53	-214.13	0.95
95	3223.40	18.90	277.40	3179.33	217.70	15.93	-217.18	1.31
96	3233.00	19.30	276.00	3188.40	220.84	16.30	-220.30	1.90
97	3242.70	20.00	276.00	3197.54	224.10	16.64	-223.54	2.16
98	3252.30	20.30	276.70	3206.55	227.41	17.01	-226.83	1.20
99	3261.50	20.50	277.40	3215.17	230.61	17.40	-230.01	1.03
100	3270.90	20.50	277.40	3223.98	233.90	17.83	-233.28	0.00
101	3280.30	20.60	277.80	3232.78	237.20	18.26	-236.55	0.55
102	3289.90	20.40	278.10	3241.77	240.56	18.73	-239.88	0.71
103	3299.30	19.40	278.10	3250.61	243.76	19.18	-243.05	3.19
104	3308.90	18.50	278.80	3259.69	246.87	19.64	-246.13	2.90
105	3318.40	17.80	280.20	3268.72	249.82	20.12	-249.05	2.60
106	3328.00	17.40	282.30	3277.87	252.71	20.69	-251.89	2.34
107	3337.30	17.00	284.10	3286.75	255.44	21.32	-254.57	2.15
108	3346.70	16.70	284.44	3295.75	258.13	21.99	-257.21	1.01
109	3356.40	17.10	284.10	3305.03	260.92	22.68	-259.94	1.27
110	3365.70	17.30	282.70	3313.91	263.64	23.32	-262.62	1.48
111	3375.30	17.40	281.30	3323.08	266.49	23.91	-265.42	1.34
112	3384.40	18.10	280.20	3331.74	269.25	24.43	-268.15	2.56
113	3393.90	19.30	279.20	3340.74	272.29	24.94	-271.15	3.92
114	3402.70	20.40	278.80	3349.02	275.27	25.41	-274.10	3.78
115	3411.90	21.10	278.50	3357.62	278.53	25.90	-277.32	2.31
116	3421.00	21.10	279.20	3366.11	281.80	26.41	-280.56	0.83
117	3430.30	20.50	280.60	3374.81	285.09	26.97	-283.81	2.51
118	3439.40	19.40	281.30	3383.36	288.18	27.56	-286.86	3.71
119	3449.20	18.50	280.90	3392.63	291.35	28.17	-289.98	2.78
120	3460.40	18.20	278.80	3403.26	294.86	28.78	-293.46	1.94
121	3469.50	18.30	279.20	3411.90	297.71	29.22	-296.27	0.53
122	3478.60	16.60	281.30	3420.58	300.43	29.71	-298.96	5.98
-1	3485.60	15.29	282.92	3427.31	302.34	30.11	-300.84	5.93

Closure is 302.3394 on an azimuth of 275.7155

Source File: /dat1a/pass/pap1r2/tvd_us.txt

BAKER ATLAS SURVEY

Canadian Imperial Ventures Corp.
CIVC Port Au Port #1 - ST1

DEPTH	DEVIATION ANGLE	DEVIATION AZIMUTH	T.V.D.
3485.62	15.3	282.9	3427.31
3495.62	15.8	281.3	3436.92
3505.62	16.1	280.7	3446.54
3515.62	16.4	280.1	3456.13
3525.62	17.0	280.7	3465.71
3535.62	17.3	280.8	3475.27
3545.62	17.7	281.0	3484.80
3555.62	18.3	281.4	3494.31
3565.62	18.8	281.2	3503.80
3575.62	19.3	280.9	3513.25
3585.62	20.0	281.0	3522.67
3587.62	20.0	280.8	3524.55

BAKER HUGHES — Baker Atlas

COMPANY	CANADIAN IMPERIAL VENTURE CORPORATION		FILE NO:
WELL	CIVC PORT AU PORT #1-ST1		API NO:
FIELD	GARDEN HILL SOUTH DEVELOPMENT		
PROVINCE	NEWFOUNDLAND		
LOCATION: LIC: ADW2001-117-05-01, NORTHING: 5372856.596, EASTINGS: 335490.997, LAT 48.489 LONG 59.226		ELEVATIONS: KB 220.43 M, DF, GL 212.53 M	UWI: PAP1-ST1 TRUE VERTICAL DEPTH
		DATE 09-OCT-2001	

BAKER HUGHES

Baker Atlas

CEMENT VOLUME LOG FOR 222 MM BOREHOLE AND 114.3 MM CASING ORIENTED TO TRUE NORTH

Rec'd DM&E Dec. 19, 2001

c. 2

FILE NO:

API NO:

Ver. 3.80
UWI: PAP1-ST1

COMPANY	CANADIAN IMPERIAL VENTURE CORPORATION
WELL	CIVC PORT AU PORT #1-ST1
FIELD	GARDEN HILL SOUTH DEVELOPMENT
PROVINCE	NEWFOUNDLAND LABRADOR

LOCATION:
LIC: ADW2001-117-05-01
NORTHING: 5372856.596
EASTINGS: 335490.997
LAT 48.489 LONG 59.226

OTHER SERVICES
CN-ZDL-GR-CAL
HDIL-GR DLL-GR
MAC-GR-CAL
CBIL-GR TVD
HDIP-GR

PERMANENT DATUM G.L. ELEVATION 212.53 M
LOG MEASURED FROM K.B. 7.90 M ABOVE P.D.
DRILL. MEAS. FROM KELLY BUSHING

ELEVATIONS:
KB 220.43 M
DF
GL 212.53 M

DATE	14-DEC-2001			
RUN / TRIP	6	1		
SERVICE ORDER	200485			
DEPTH DRILLER	4053.5 M			
DEPTH LOGGER	4048.9 M SEE REMARK			
BOTTOM LOGGED INTERVAL	4041.0 M			
TOP LOGGED INTERVAL	3495.0 M			
CASING DRILLER	177.8 MM	@3493.0 M		@
CASING LOGGER	3495.0 M			
BIT SIZE	152.0 MM			
TYPE OF FLUID IN HOLE	GEL CHEM POLYMER			
DENSITY / VISCOSITY	1125 G/L	45 S		
PH / FLUID LOSS	10	9.5 L		
SOURCE OF SAMPLE	FLOWLINE			
RM AT MEAS. TEMP.	1.5 OHMM	@19 DEGC		@
RMF AT MEAS. TEMP.	1.4 OHMM	@19 DEGC		@
RMC AT MEAS. TEMP.	1.6 OHMM	@19 DEGC		@
SOURCE OF RMF / RMC	MEASURED	MEASURED		
RM AT BHT	0.7 OHMM	@62 DEGC		@
TIME SINCE CIRCULATION	25.5 HOURS			
MAX. RECORDED TEMP.	62 DEGC			
EQUIP. NO. / LOCATION	HL6582	NISKU		
RECORDED BY	D. MCCULLOUGH			
WITNESSED BY	R. STRICKLAND			

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

BOREHOLE RECORD

BIT SIZE	FROM	TO
215.9 MM	2338.0 M	3493.0 M
152.0 MM	3493.0 M	4053.5 M

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
244.5 MM	69.94 KG/M	L-80	0.0 M	2338.0 M
177.8 MM	43.15 KG/M	L-80	2272.0 M	3493.0 M

REMARKS

RUN 6 TRIP 1 :
TIME STOPPED DRILLING: 1830 13-DEC-2001
TIME STOPPED CIRCULATING: 2400 13-DEC-2001
MAXIMUM DEVIATION: 29.5 DEGREES AT TD.
HDIP-CBIL RUN IN COMBINATION.
TD NOT TAGGED DUE TO POSSIBILITY OF DAMAGING CBIL TOOL.
CEMENT VOLUME TICKS PRESENTED EVERY 0.1, 1.0, & 10.0 M3.
BOREHOLE VOLUME TICKS PRESENTED EVERY 0.1, 1.0, & 10.0 M3.
HOLE VOLUME COMPUTED FROM HDIP CALIPER.
CREW: S. NESS-MUNRO, D. COMEAU.
RIG: SIMMONS #31

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
6	1	SWIVEL	3944XB	094417	FREE
6	1	TTRM	3981XA	168597	FREE
6	1	COMR	3514XA	166161	FREE
6	1	DGR	1329XA	116562	FREE
6	1	KNJT	3923XA	369675	FREE
6	1	ORIT	4401XB	173371	FREE
6	1	HDIP E	1020EA	168729	FREE
6	1	HDIP M	1020MA	173135	PAD DEVICE
6	1	[illegible]	[illegible]	[illegible]	FREE
6	1	DBL KNJT	3939XA	10034652	FREE
6	1	CBIL E	1671EB	154299	CENTRALIZED
6	1	CBIL M	1671MB	154282	

CEMENT VOLUME LOG FOR 114.3 MM CASING

May 09, 2000
Updates: 1,2,3
Fileview 2.66c
Pcrplt /main/47
Cplot 5.1
Pdf_Cpp /main/16
Sat Dec 15 13:09:54 2001

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/pap1r6/f831k05.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 3491.702 m BOTTOM DEPTH: 3770.366 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
CHT	FILTER ()	medium (1)		TOP	BOTTOM
GR	FILTER ()	medium (1)		"	"
TENSION	FILTER ()	medium (1)		"	"

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m) TOP	BOTTOM
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	114.300	mm	TOP	BOTTOM
BIT SIZE	BIT SIZE	152.000	mm	"	"

CURVE MEASURE POINT OFFSET

CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	CAL2	7.73	CHT	0.00	TEN	0.00
CAL1	7.73	CAL3	7.73	GR	16.76		

Presentation : cpu1:/dat1a/pass/pap1r6/cvl.pdf [1:240 Scale]
Plot Interval : 3471.44 - 4054.14 Meters

Data File 1 : F1 : cpu1:/dat1a/pass/pap1r6/f831k45.xtf
Created On : Dec 15 13:05:22 2001
Company : Canadian Imperial Venture Corporation
Well : CIVC Port au Port #1-st1
Field : Garden Hill South Development
File Interval : 3471.44 - 4054.14 Meters
Oct : f831k

METERS

FORMATION
CEMENT
UNDER GAUGE

GAMMA RAY [gr] 0 – 150 (gAPI)
CALIPER 1 [cal1] 100 – 350 (mm)
CALIPER 2 [cal2] 100 – 350 (mm)
CALIPER 3 [cal3] 100 – 350 (mm)
BIT SIZE 100 – 350 (mm)
CH-TENSION [cht] 5500 – 500 (kgf)
DIFF. TENSION [ten] 1900 – -100 (kgf)

MIN. CALIPER [mincal] 250 – 0 (mm); MAX. CALIPER [maxcal] 0 – 250 (mm)
BIT SIZE 250 – 0 (mm); BIT SIZE 0 – 250 (mm)
CASING SIZE 250 – 0 (mm); CASING SIZE 0 – 250 (mm)

BoreHole Cross Section 200 0 200

BVOL 0.1 1 10

Cement 0.1 1 10

DEV 0 – 90 (deg)

FORMATION
CEMENT
UNDER GAUGE

GAMMA RAY [gr] 0 – 150 (gAPI)
CALIPER 1 [cal1] 100 – 350 (mm)
CALIPER 2 [cal2] 100 – 350 (mm)
CALIPER 3 [cal3] 100 – 350 (mm)
BIT SIZE 100 – 350 (mm)
CH-TENSION [cht] 5500 – 500 (kgf)
DIFF. TENSION [ten] 1900 – -100 (kgf)

MIN. CALIPER [mincal] 250 – 0 (mm); MAX. CALIPER [maxcal] 0 – 250 (mm)
BIT SIZE 250 – 0 (mm); BIT SIZE 0 – 250 (mm)
CASING SIZE 250 – 0 (mm); CASING SIZE 0 – 250 (mm)

BoreHole Cross Section 200 0 200

BVOL 0.1 1 10

Cement 0.1 1 10

DEV 0 – 90 (deg)

BAKER HUGHES

Baker Atlas

COMPANY	CANADIAN IMPERIAL VENTURE CORPORATION	FILE NO:	
WELL	CIVC PORT AU PORT #1-ST1		
FIELD	GARDEN HILL SOUTH DEVELOPMENT	API NO:	
PROVINCE	NEWFOUNDLAND LABRADOR		

LOCATION:
LIC: ADW2001-117-05-01
NORTHING: 5372856.596
EASTINGS: 335490.997
LAT 48.489 LONG 59.226

ELEVATIONS:
KB 220.43 M
DF
GL 212.53 M

UWI: PAP1-ST1

DATE 14-DEC-2001

APPENDIX E:

Drillstem Test Report

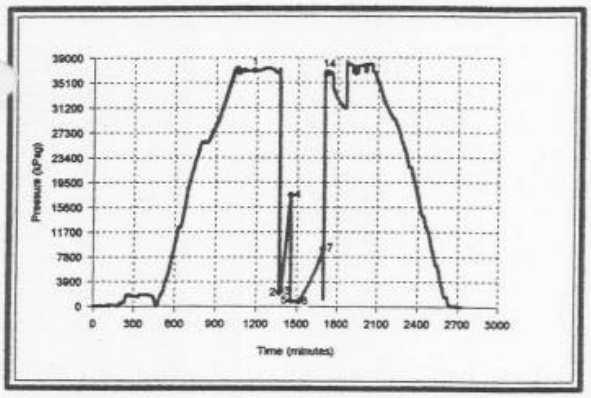
Baker Oil Tools

PORT AU PORT 1ST

DST# 1

Formation: AGUATHUNA
Interval - from: 3449 **to:** 3595 m

Recorder# 80496 at 3453 m



Maximum Btm Hole Temperature @ FSI: 51.6 C

		Pressure (kPag)	*Time (min)*	*Extrapolated Pressure (kPag)*
1	Initial Hydrostatic	36925		
2	Start of 1st Flow	2136		
3	End of 1st Flow	2357	10.2	
4	End of 1st Shut-in	17481	68.8	
5	Start of 2nd Flow	923		
6	End of 2nd Flow	767	59.2	
7	End of 2nd Shut-in	9118	184.2	
14	Final Hydrostatic	36565		

Test Date:	2001-10-11
Test Type:	CASING PACKER
Tester Name:	BRIAN MAGNUS
Cushion Type:	NITRO
Drill Pipe O.D.:	127.00 mm
Drill Collar I.D.:	60.00 mm
Drill Collar Length:	130.33 m
Hole Size:	159.00 mm

Blow Description:

PREFLOW - NO BUBBLE HOSE WAS USED FOR PRE-FLOW. FLOW WAS DIVERTED DIRECTLY TO SEPERATOR. FINAL FLOW - STRONG TO WEAK AIRBLOW IN 1 MIN. 20 SECONDS. STEADY THROUGHOUT. N.G.T.S.

Remarks:

-ALL RECORDERS ON FIELD REPORT ARE ELECTRONIC -ONCE DC'S AND HWDP WERE IN THE HOLE DRILL STRING WAS PRESSURED TO 1000 PSI WITH NITROGEN. AFTER CASING PACKER WAS SET WE PRESSURE- TESTED ALL SURFACE EPUIPMENT TO 3000 PSI. FOLLOWING THIS WE PRESSURE- TESTED ENTIRE STRING TO 2000 PSI. AFTER THIS NITROGEN WAS BLED OFF TO 150 PSI AND DST TOOL WAS OPENED FOR PRE-FLOW. -DURING FIRST SHUT-IN REMAINING NITROGEN WAS VENTED FROM DRILL STRING. -RIGHT AFTER UNSETTING PACKER DRILL STRING WAS FILLED WITH MUD AND THEN REVERSED OUT.

Baker Oil Tools — FIELD REPORT

TEST DATA

TEST No 1 LUS. TEST No 1
FORMATION TESTED AGUATHUNA T.D. 3595 m
INTERVAL TESTED: From 3449 m to 3595 m
TOTAL INTERVAL TESTED 146 m
TEST TYPE CASING PACKER RESET: YES ☐ NO ☒
CUSHION: YES ☒ NO ☐ TYPE NITRO AMOUNT m
STARTED IN HOLE @ 12:00 HRS. OPENED TOOL 06:40 HRS.
DATE & TIME OUT OF HOLE 2001-10-12 @ HRS.
TEST TIMES:
PRE-FLOW 10 MIN. INITIAL SHUT-IN 70 MIN.
SECOND FLOW MIN. SECOND SHUT-IN MIN.
FINAL FLOW 60 MIN. FINAL SHUT-IN 185 MIN.
PRE-FLOW BLOW DESCRIPTION: NO BUBBLE HOSE WAS USED FOR PRE-FLOW. FLOW WAS DIVERTED DIRECTLY TO SEPERATOR.

FINAL FLOW BLOW DESCRIPTION: STRONG TO WEAK AIRBLOW IN 1 MIN. 20 SECONDS. STEADY THROUGHOUT. N.G.T.S.

MECHANICAL RECORDERS

No.	INSIDE ☒ OUTSIDE ☐	No.	INSIDE ☐ OUTSIDE ☒	No.	INSIDE ☐ OUTSIDE ☐
0492		80490			
DEPTH	3444 m	DEPTH	3453 m	DEPTH	m
CLOCK		CLOCK		CLOCK	
REC. SEC. #		REC. SEC. #		REC. SEC. #	

No.	INSIDE ☐ OUTSIDE ☐	No.	INSIDE ☐ OUTSIDE ☐	No.	INSIDE ☐ OUTSIDE ☐
DEPTH	m	DEPTH	m	DEPTH	m
CLOCK		CLOCK		CLOCK	
REC. SEC. #		REC. SEC. #		REC. SEC. #	

ELECTRONIC RECORDERS

No.	INSIDE ☒ OUTSIDE ☐	No.	INSIDE ☐ OUTSIDE ☒	No.	INSIDE ☐ OUTSIDE ☒
80494		80498		80496	
DEPTH	3436 m	DEPTH	3453 m	DEPTH	3453 m
TEMP.	51.5	TEMP.	51.6	TEMP.	51.6
FILE	cppla.dec	FILE	cpplaaa.dec	FILE	cpplaaaa.dec

FIELD READINGS

REC. No. 80496 DEFLECTION	PRESSURE kPa	REC. No. 80498 DEFLECTION	PRESSURE kPa
1	36924.88	1	36939.37
2	2135.73	2	2115.41
3	2357.25	3	2052.84
4	17481.23	4	17501.24
5	923.38	5	1095.68
6	767.30	6	787.09
7	9118.06	7	9140.50
8		8	
9		9	
10		10	
11		11	
12		12	
13		13	
14	36564.96	14	36576.86

REMARKS

SEQUENCE OF TEST EVENTS:

-ALL RECORDERS ON FIELD REPORT ARE ELECTRONIC.
-ONCE DC'S AND HWDP WERE IN THE HOLE DRILL STRING WAS PRESSURED TO 1000 PSI WITH NITROGEN. AFTER CASING PACKER WAS SET WE PRESSURE-TESTED ALL SURFACE EPUIPMENT TO 3000 PSI. FOLLOWING THIS WE PRESSURE-TESTED ENTIRE STRING TO 2000 PSI. AFTER THIS NITROGEN WAS BLED OFF TO 150 PSI AND DST TOOL WAS OPENED FOR PRE-FLOW.
-DURING FIRST SHUT-IN REMAINING NITROGEN WAS VENTED FROM DRILL STRING.
-RIGHT AFTER UNSETTING PACKER DRILL STRING WAS FILLED WITH MUD AND THEN REVERSED OUT.

GENERAL INFORMATION

COMPANY CANADIAN IMPERIAL VENTURE CORP.
CONTACT IN CALGARY
CONTACT'S PHONE FAX
WELL NAME PORT AU PORT 1ST
LOCATION
K.B. 220.43 m GROUND ELEV 212.53 m
COMPANY REP BRIAN FELSKE
TESTER BRIAN MAGNUS
JAR No 528 HYDRAULIC TOOL No 60
UNIT # PUMP No
CONTRACTOR SIMMONS RIG No 31
TICKET No 1A DATE 2001-10-11

MUD & HOLE DATA

HOLE CONDITION @ TEST TIME:
EXCELLENT ☐ GOOD ☐ FAIR ☒ POOR ☐
WAS HOLE CONDITIONED PRIOR TO TEST: YES ☐ NO ☒
HOLE DEVIATION: YES ☒ NO ☐ AMOUNT 20 DEGREES
CALIPER LOG RUN PRIOR TO TEST: YES ☒ NO ☐
CALIPERED HOLE SIZE @ TEST DEPTH 159 MAX. mm
MUD TYPE GEL-CHEM
WEIGHT 1105 kg/m³ VISCOSITY 50 WATER LOSS 7.3
FILTER CAKE 1.5 mm
DRILL PIPE SIZE:O.D. 127 mm I.D. 80 mm WEIGHT 29.0 kg/m
DRILL COLLARS:O.D. 138 mm I.D. 60 mm RUN 130.33 m
MAIN HOLE OR CASING SIZE 159 mm
BOTTOM HOLE OR CHOKE SIZE 25.4 mm
PACKER RUBBER SIZE: DIAM. IN mm LENGTH IN m
RUBBER LEFT IN HOLE: YES ☐ NO ☒
TOP PACKER: SERIAL No CONDITION
BTM PACKER: SERIAL No CONDITION

GAS MEASUREMENTS

SIDE STATIC ☐
FLOOR MANIFOLD ☒
CLOSED CHAMBER ☐
MEASURED WITH:
CRITICAL FLOW PROVER ☐
ORIFICE WELL TESTER ☐
OTHER
RISER SIZE

FLOW #	TIME	CHOKE mm	READING kPa	RATE m3/D

RECOVERY

RECOVERY VERIFICATION SIGNATURE:

TOTAL FLUID RECOVERED m CONSISTING OF:
m OF BHS #205 DUMPED AT SALINITY
m OF RIG. FLUID SAMPLES SALINITY
m OF AND BHS 620 HOTSHOT SALINITY
m OF TO ST. JOHNS SALINITY
TEST WAS REVERSED OUT: YES ☒ NO ☐

BTM. H. SAMPLER # 205 AND 620 SENT TO CORE
GAS BOMB # SENT TO
No. OF FLUID SAMPLES TAKEN 3 SENT TO CORE

BAKER HUGHES

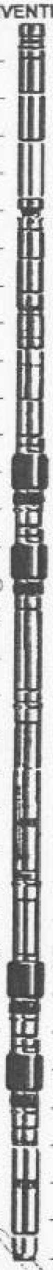
Baker Oil Tools

TEST TOOL & PIPE RECORD

Well Name: PORT AU PORT 1ST Location: ______ Date 2001-10-10 Ticket # 1A

Interval Tested: from 3449 to 3595 Total Depth 3595 Test No. 1

CONVENTIONAL



Tool	Length
POS	0.33
XOS	0.30
POS	0.83
Car	1.38
RST	2.58
S	1.03
BHS	1.03
Hydr	1.50
Car	1.38
Jar	2.22
SJ	0.65
XOS	0.30
CsPack	1.10
3449.0	Top Packer Seal Depth
CsgPSD	.80
XOS	0.30
Perf	1.53
f	1.53
Car	2.02
BNose	.62
Spg	139.20
3595.0	Btm Packer Seal Depth

DRILL COLLARS / DRILL PIPE

Joint	Length	Joint	Length	Joint	Length	Joint	Length	Joint	Length
1	17.68	11	9.39	1	72.37	11	90.40	21	28.60
2		12	9.39	2	90.39	12	245.60	22	28.17
3		13	9.39	3	90.45	13	284.90	23	.50
4		14	9.37	4	90.44	14	284.89	24	
5		15	9.39	5	90.58	15	284.24	25	
6		16	9.39	6	90.52	16	286.22	26	
7		17	9.38	7	90.64	17	285.56	27	
8		18	9.38	8	90.45	18	285.32	28	
9	9.39	19	9.39	9	90.52	19	285.84	29	
10	9.39	20	9.40	10	90.44	20	28.76	30	
1st TOTAL	36.46	2nd TOTAL	93.87	3rd TOTAL	886.80	4th TOTAL	236...	5th TOTAL	57.27
31		41		51		61		71	
32		42		52		62		72	
33		43		53		63		73	
34		44		54		64		74	
35		45		55		65		75	
36		46		56		66		76	
37		47		57		67		77	
38		48		58		68		78	
39		49		59		69		79	
40		50		60		70		80	
6th TOTAL		7th TOTAL		8th TOTAL		9th TOTAL		10th TOTAL	
81		91		101					
82		92		102					
83		93		103					
84		94		104					
85		95		105					
86		96		106					
87		97		107					
88		98		108					
89		99		109					
90		100		110					
11th TOTAL		12th TOTAL		13th TOTAL					

TOOL	160.63
1st TOTAL	36.46
2nd TOTAL	93.87
3rd TOTAL	886.80
4th TOTAL	2361.73
5th TOTAL	57.27
6th TOTAL	
7th TOTAL	
8th TOTAL	
9th TOTAL	
10th TOTAL	
11th TOTAL	
12th TOTAL	
13th TOTAL	

BEFORE TEST IN DERRICK

TOTAL DRILL COLLARS	3
TOTAL DRILL PIPE	81

TESTING

	IN	OUT	TOTAL
DRILL COLLARS	3	0	3
DRILL PIPE	81	1	82

CONVENTIONAL PIPE TALLY

BELOW BOTTOM PACKER SEAL	
BETWEEN PACKER SEALS	146.00
TOOL ABOVE PACKER SEAL	14.63
DRILL COLLARS	130.33
DRILL PIPE	3305.80
TOTAL STRING	3596.76
TOTAL DEPTH	3595.00
TOP SINGLE ABOVE TABLE	1.76

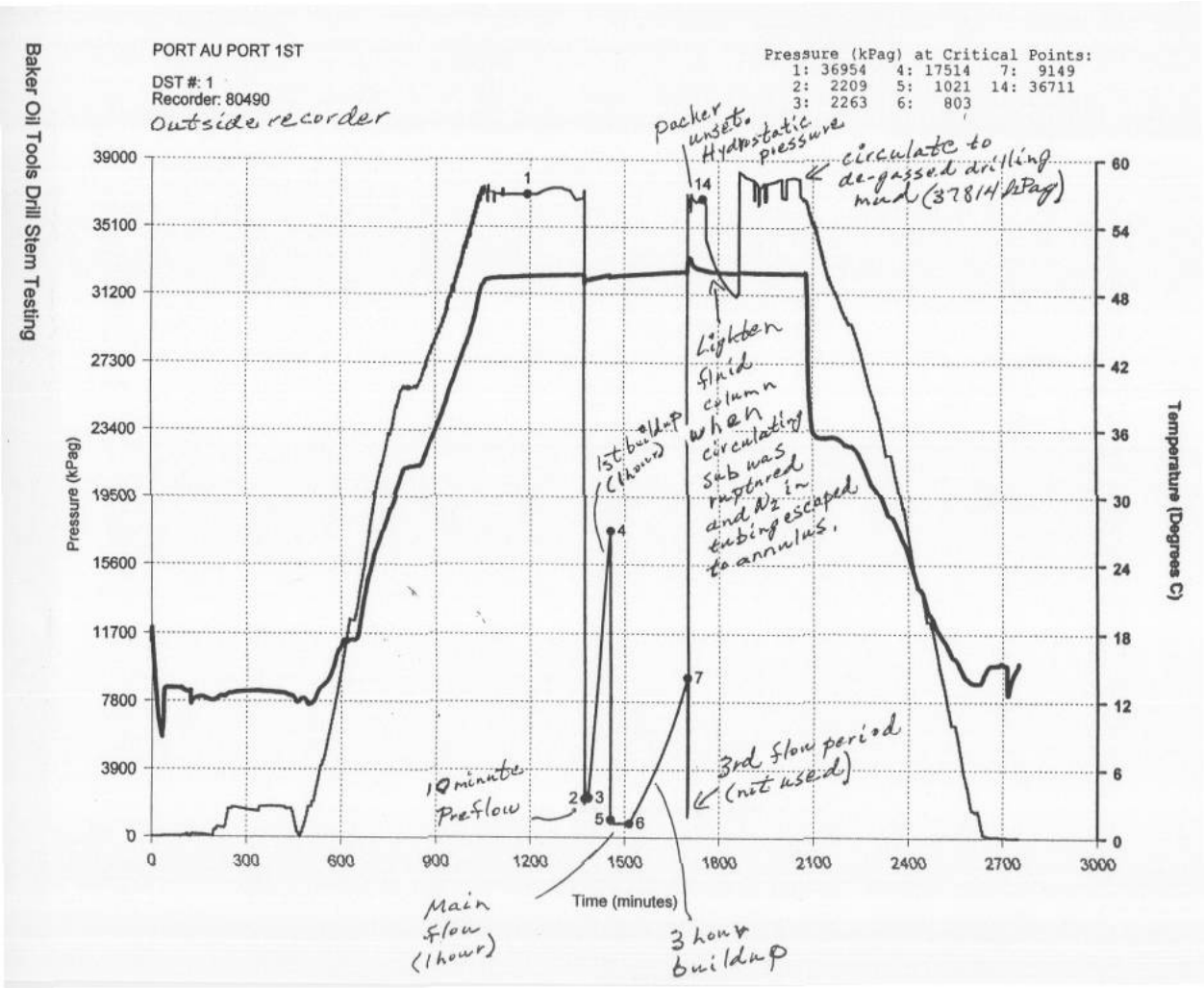
INFLATABLE

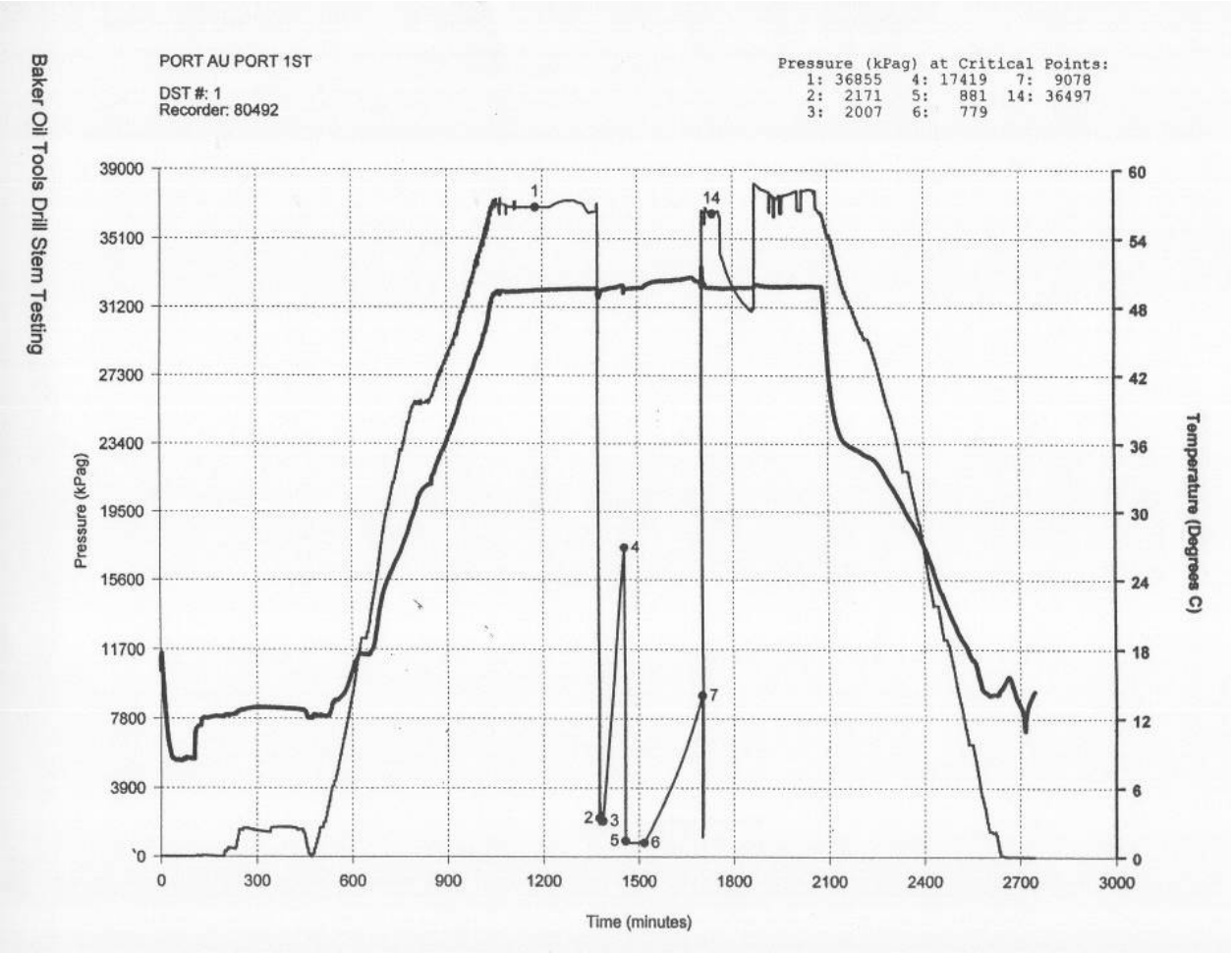
Tool	Length
	Top Packer Seal Depth
	Btm Packer Seal Depth

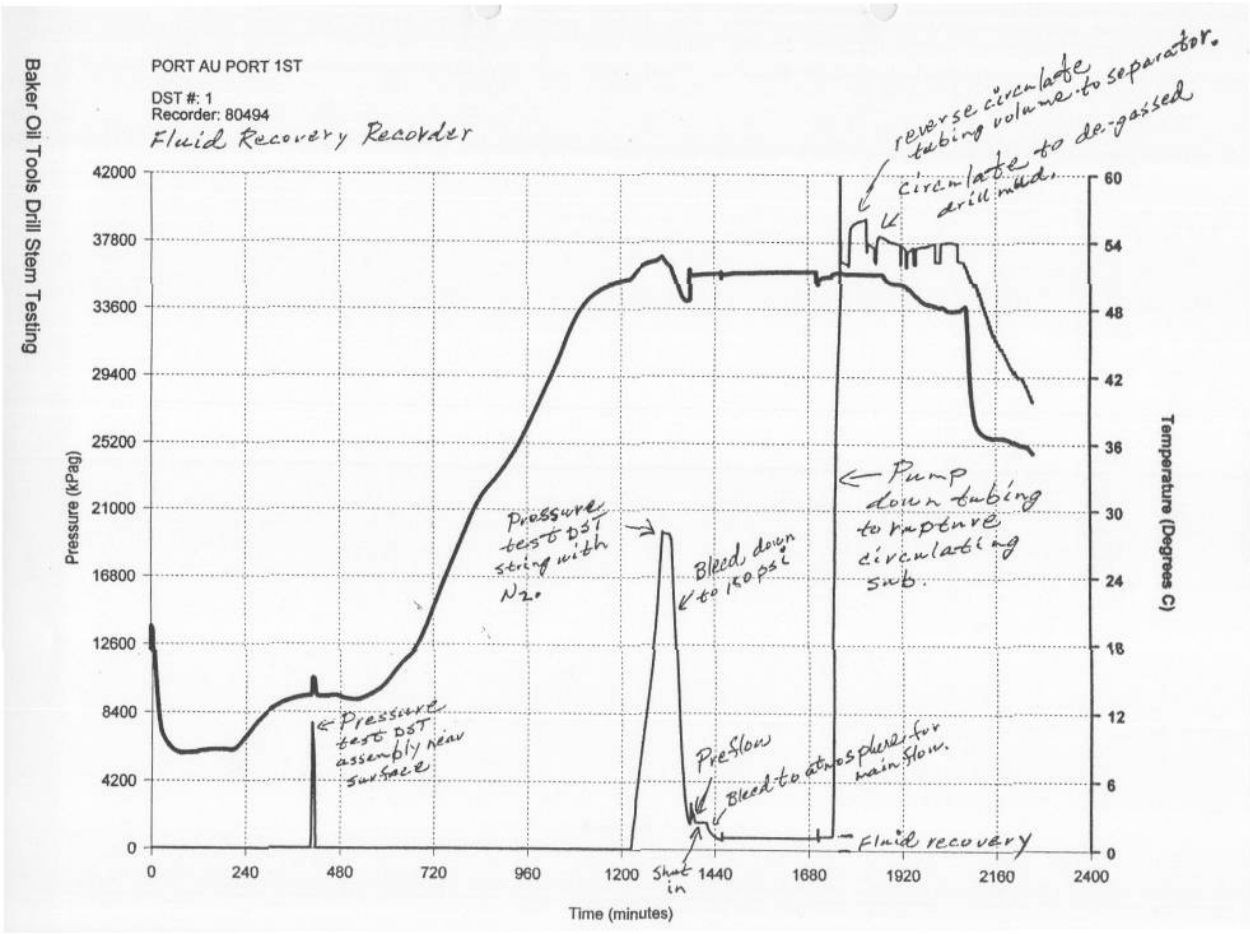
INFLATE PIPE TALLY

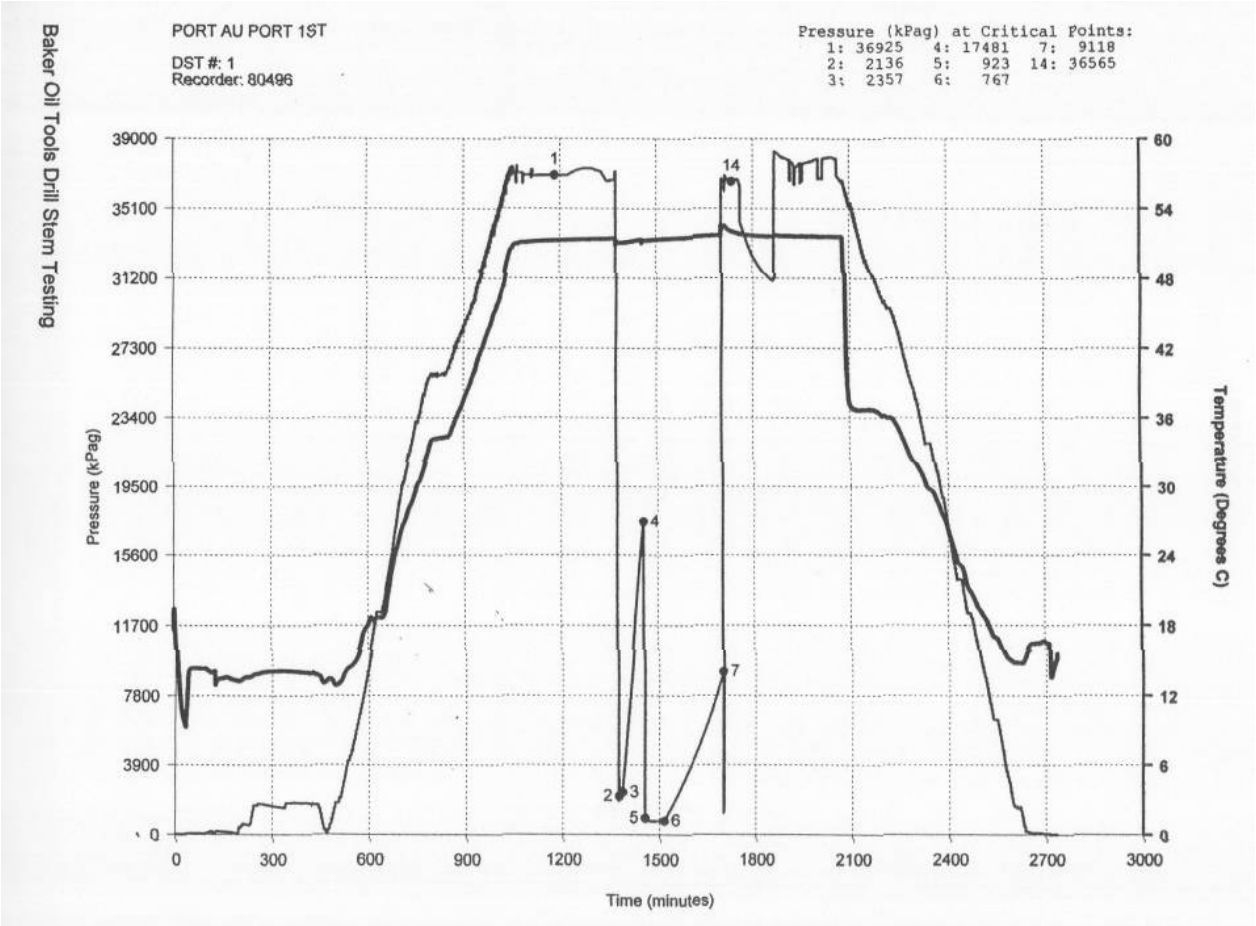
TOOL ABOVE INTERVAL	
DRILL COLLARS	
DRILL PIPE	
TOTAL STRINGS ABOVE INTERVAL	
BOTTOM OF TOP PACKER SEAL DEPTH	
TOP SINGLE ABOVE TABLE	

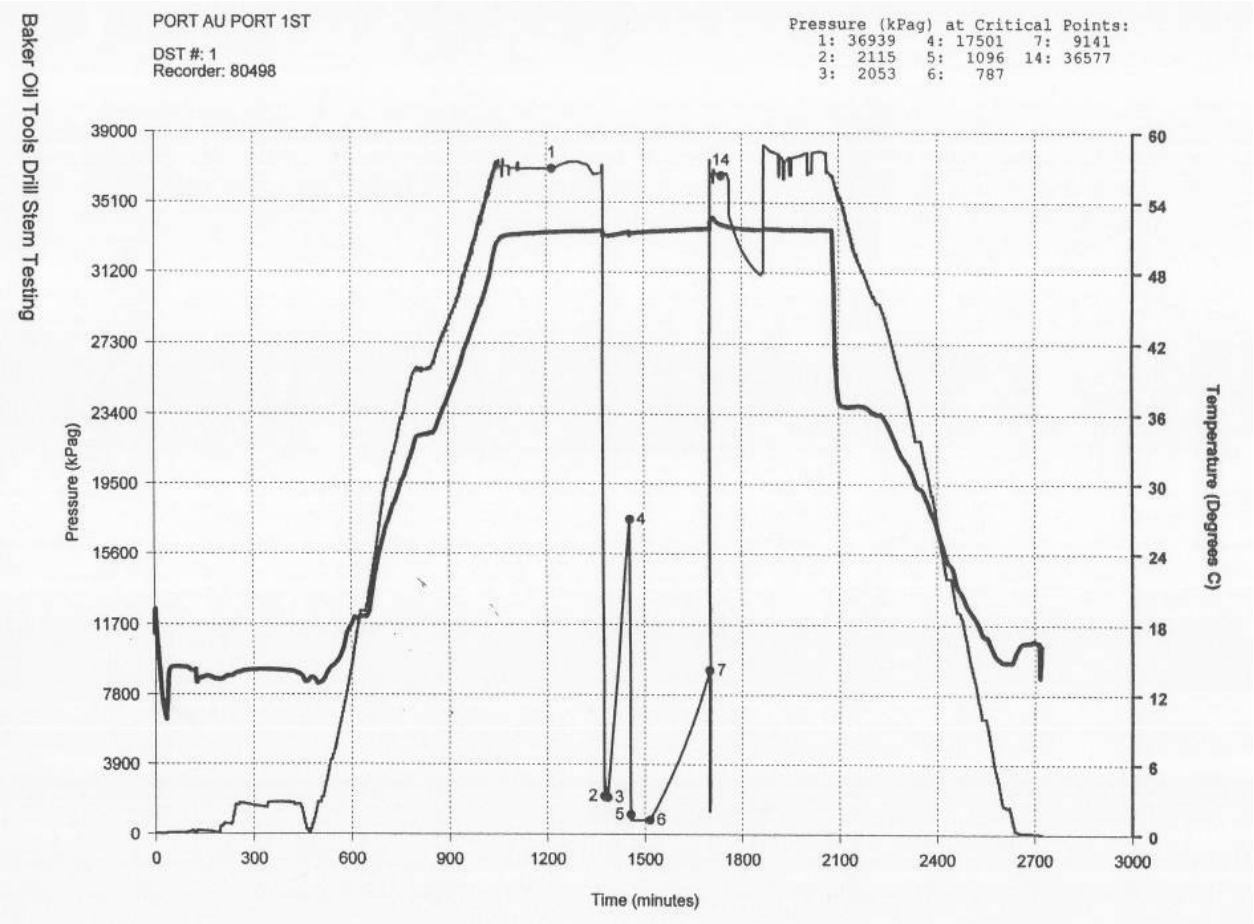
Tester Signature ______ Approved by Oil Co. Rep. ______


Baker Oil Tools Drill Stem Testing
PORT AU PORT 1ST
DST #: 1
Recorder: 80490
Outside recorder
Pressure (kPag) at Critical Points:
1: 36954 4: 17514 7: 9149
2: 2209 5: 1021 14: 36711
3: 2263 6: 803
Pressure (kPag)
Temperature (Degrees C)
Time (minutes)
packer unset
Hydrostatic pressure
circulate to de-gassed drilling mud (37814 kPag)
Lighten fluid column when circulating sub was ruptured and N2 in tubing escaped to annulus.
1st buildup (1 hour)
10 minute Preflow
Main flow (1 hour)
3 hour buildup
3rd flow period (not used)


Baker Oil Tools Drill Stem Testing
PORT AU PORT 1ST
DST #: 1
Recorder: 80492
Pressure (kPag) at Critical Points:
1: 36855 4: 17419 7: 9078
2: 2171 5: 881 14: 36497
3: 2007 6: 779
Pressure (kPag)
Temperature (Degrees C)
Time (minutes)
39000
35100
31200
27300
23400
19500
15600
11700
7800
3900
0
60
54
48
42
36
30
24
18
12
6
0
300
600
900
1200
1500
1800
2100
2400
2700
3000
1
2
3
4
5
6
7
14

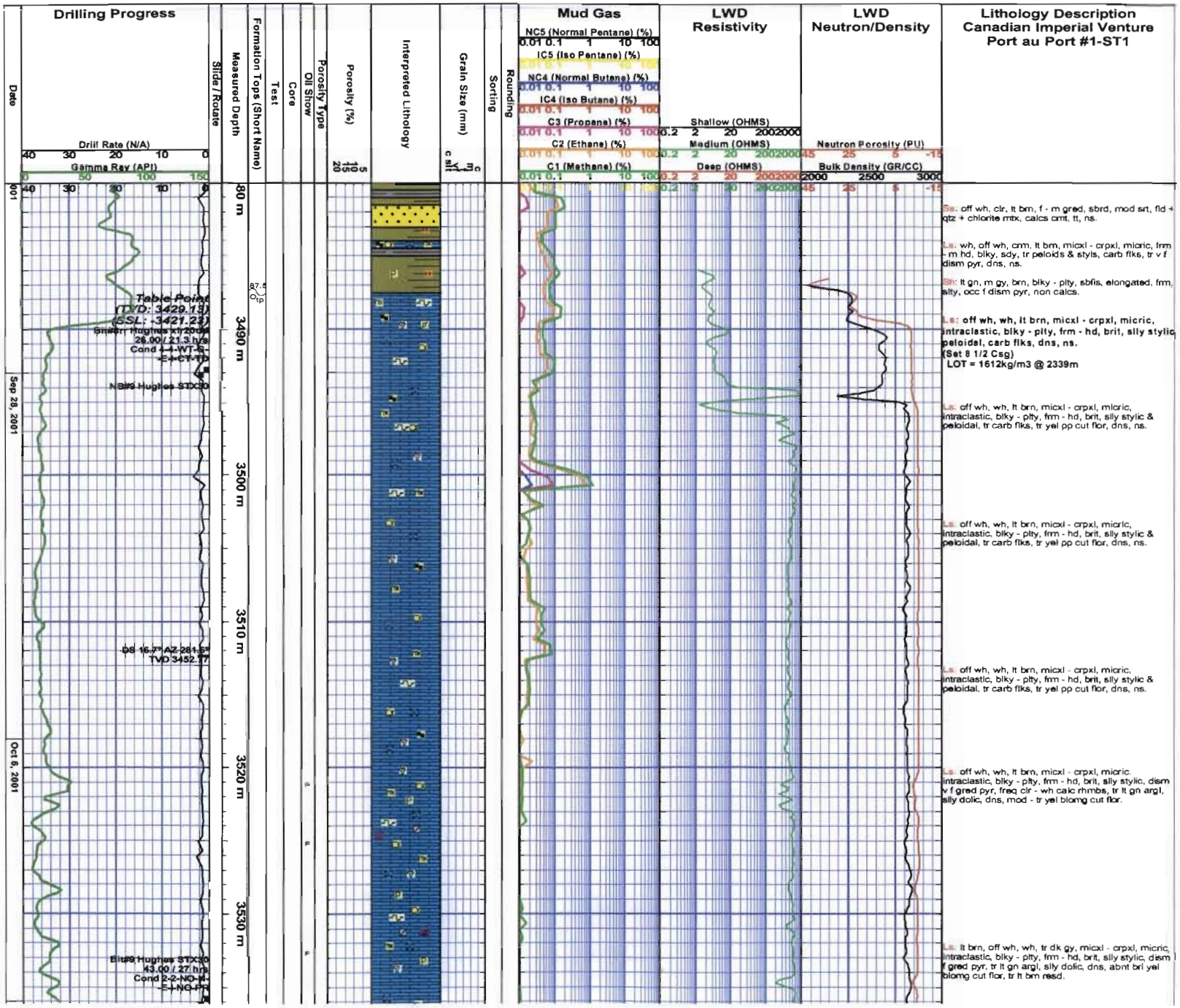

Baker Oil Tools Drill Stem Testing
PORT AU PORT 1ST
DST #: 1
Recorder: 80494
Fluid Recovery Recorder
Pressure (kPag)
Temperature (Degrees C)
Time (minutes)
reverse circulate tubing volume to separator.
circulate to de-gassed drill mud.
Pressure test DST assembly near surface
Pressure test DST string with N2.
Bleed down to 150 psi
Pump down tubing to rupture circulating sub.
Preflow
Bleed to atmosphere for main flow.
Fluid recovery
Shut in

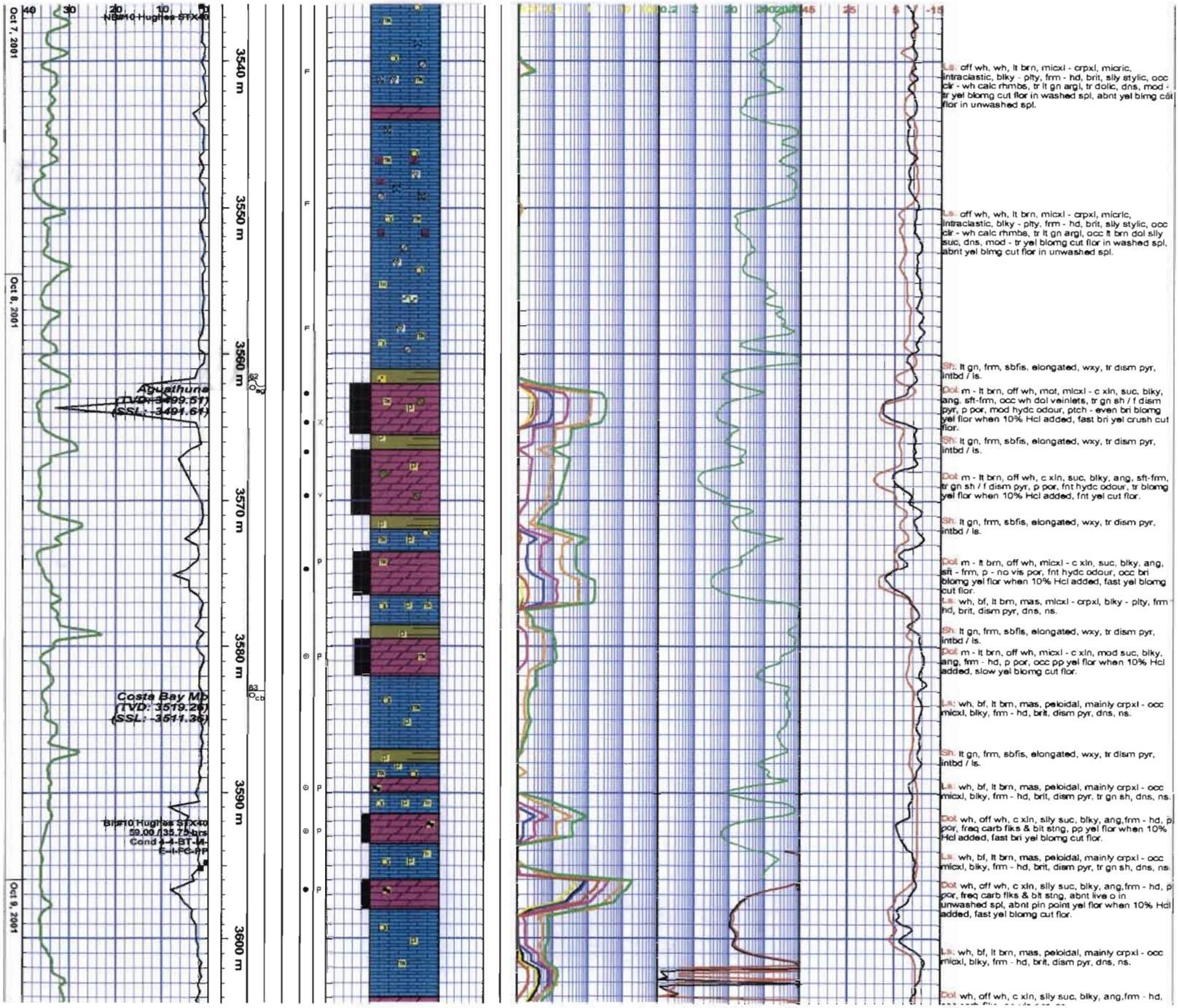

Baker Oil Tools Drill Stem Testing
PORT AU PORT 1ST
DST #: 1
Recorder: 80496
Pressure (kPag) at Critical Points:
1: 36925 4: 17481 7: 9118
2: 2136 5: 923 14: 36565
3: 2357 6: 767
Pressure (kPag)
Temperature (Degrees C)
Time (minutes)
39000
35100
31200
27300
23400
19500
15600
11700
7800
3900
0
60
54
48
42
36
30
24
18
12
6
0
300
600
900
1200
1500
1800
2100
2400
2700
3000
1
2
3
4
5
6
7
14


Baker Oil Tools Drill Stem Testing
PORT AU PORT 1ST
DST #: 1
Recorder: 80498
Pressure (kPag) at Critical Points:
1: 36939 4: 17501 7: 9141
2: 2115 5: 1096 14: 36577
3: 2053 6: 787
Pressure (kPag)
Temperature (Degrees C)
Time (minutes)
39000
35100
31200
27300
23400
19500
15600
11700
7800
3900
0
60
54
48
42
36
30
24
18
12
6
0
300
600
900
1200
1500
1800
2100
2400
2700
3000
1
2
3
4
5
6
7
14

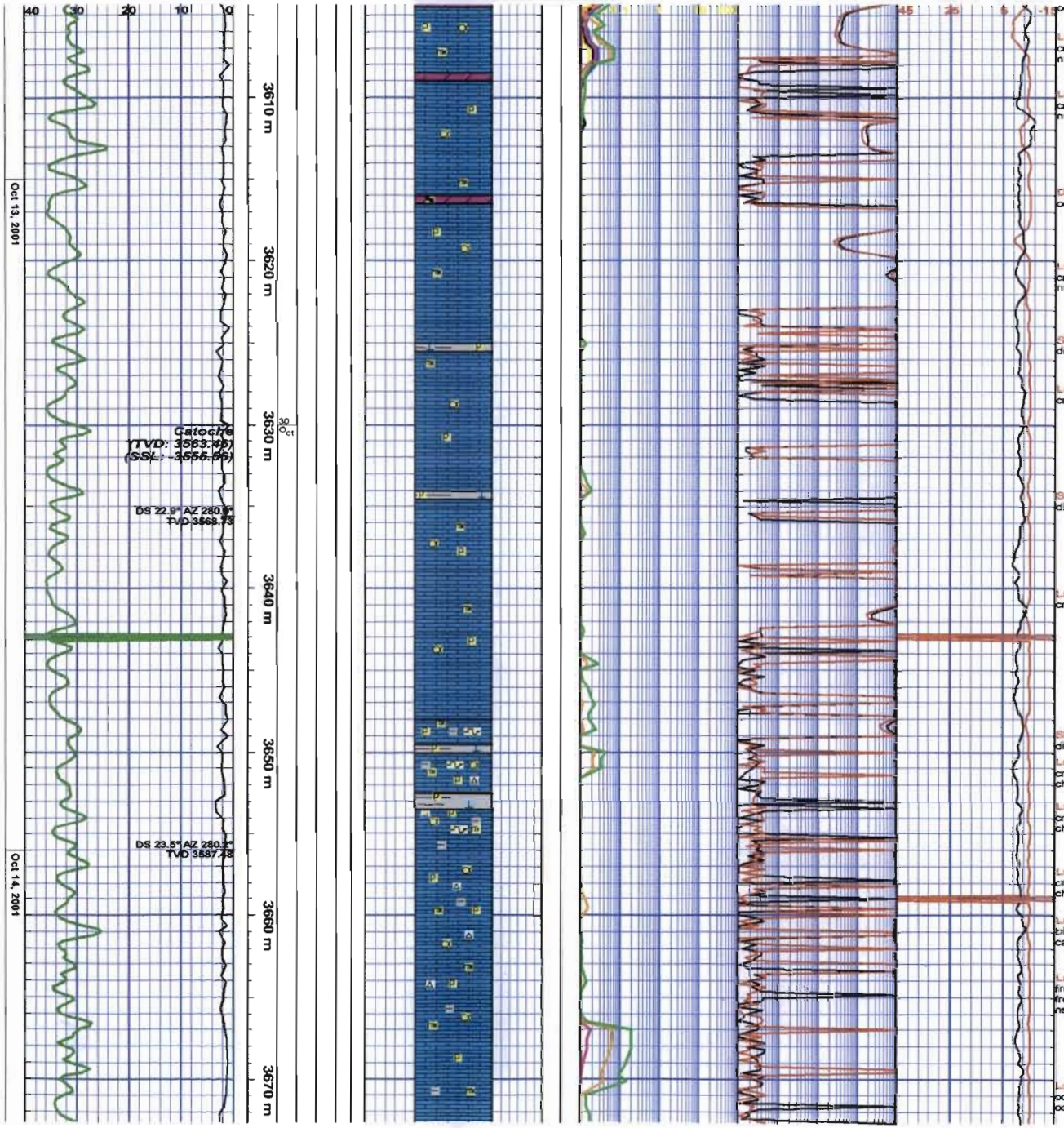
APPENDIX F:

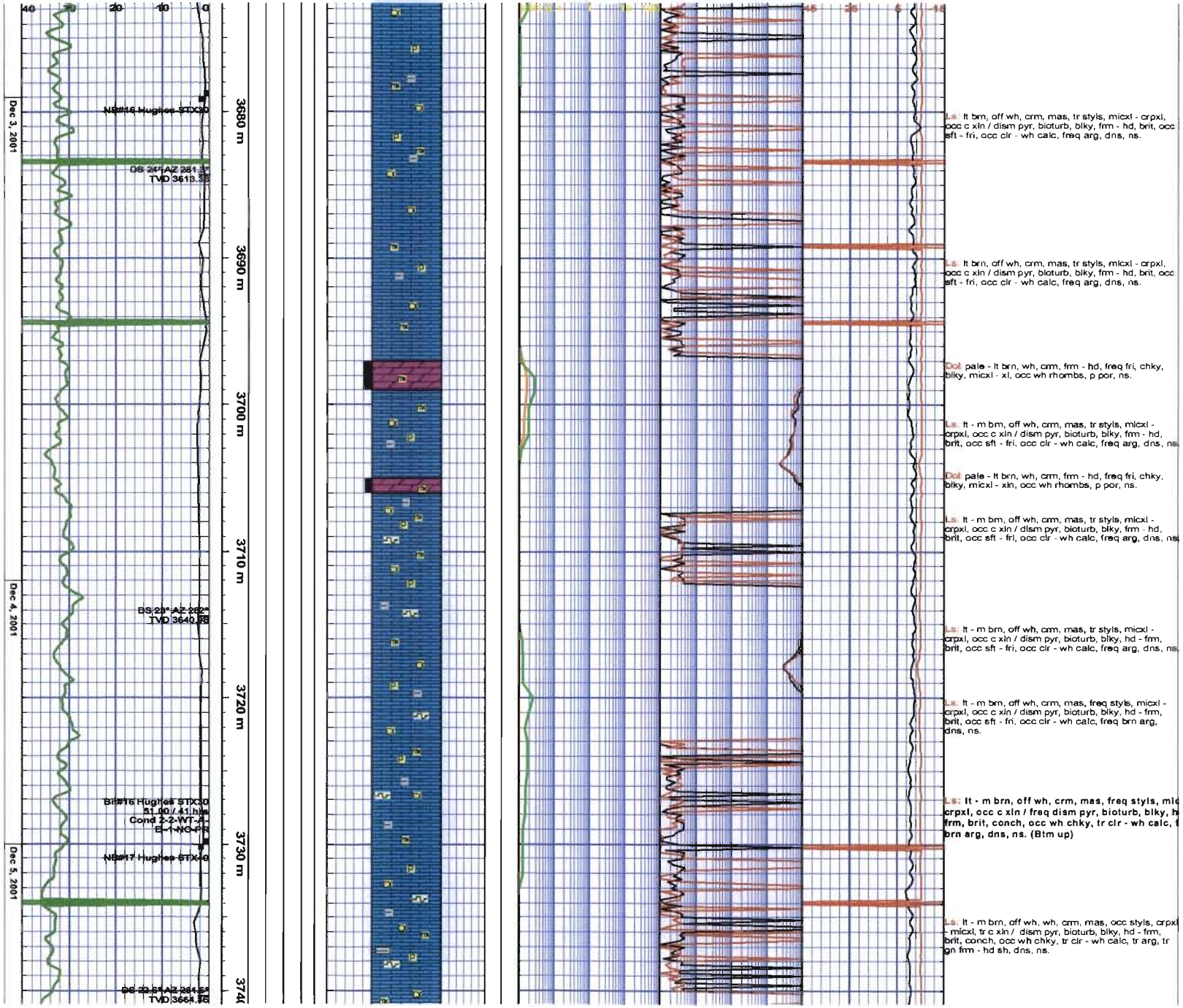
Final Mud Log


Drilling Progress
Date
Drill Rate (N/A)
Gamma Ray (API)
Slide / Rotate
Measured Depth
Formation Tops (Short Name)
Test
Core
Oil Show
Porosity Type
Porosity (%)
Interpreted Lithology
Grain Size (mm)
Sorting
Rounding
Mud Gas
NC5 (Normal Pentane) (%)
IC5 (Iso Pentane) (%)
NC4 (Normal Butane) (%)
IC4 (Iso Butane) (%)
C3 (Propane) (%)
C2 (Ethane) (%)
C1 (Methane) (%)
LWD Resistivity
Shallow (OHMS)
Medium (OHMS)
Deep (OHMS)
LWD Neutron/Density
Neutron Porosity (PU)
Bulk Density (GR/CC)
Lithology Description
Canadian Imperial Venture
Port au Port #1-ST1
Sep 28, 2001
Oct 6, 2001
3480 m
3490 m
3500 m
3510 m
3520 m
3530 m
Table Point
(TVD: 3429.13)
(SSL: -3421.23)
Bit#9 Hughes STX30
26.00 / 21.3 hrs
Cond 1-1-WT-S-
-E-I-CT-TD
Bit#9 Hughes STX30
DS 16.7° AZ 251.5°
TVD 3452.77
Bit#9 Hughes STX30
43.00 / 27 hrs
Cond 2-2-NO-N-
-E-I-NO-PR
Ss: off wh, clr, lt brn, f - m gred, sbrd, mod srt, fld + qtz + chlorite mtx, calcs cmt, tt, ns.
Ls: wh, off wh, crm, lt brn, micxl - crpxl, micric, frm - m hd, blky, sdy, tr peloids & styls, carb flks, tr v f dism pyr, dns, ns.
Sh: lt gn, m gy, brn, blky - plty, sbfis, elongated, frm, slty, occ f dism pyr, non calcs.
Ls: off wh, wh, lt brn, micxl - crpxl, micric, intraclastic, blky - plty, frm - hd, brit, slly stylic peloidal, carb flks, dns, ns.
(Set 8 1/2 Csg)
LOT = 1612kg/m3 @ 2339m
Ls: off wh, wh, lt brn, micxl - crpxl, micric, intraclastic, blky - plty, frm - hd, brit, slly stylic & peloidal, tr carb flks, tr yel pp cut flor, dns, ns.
Ls: off wh, wh, lt brn, micxl - crpxl, micric, intraclastic, blky - plty, frm - hd, brit, slly stylic & peloidal, tr carb flks, tr yel pp cut flor, dns, ns.
Ls: off wh, wh, lt brn, micxl - crpxl, micric, intraclastic, blky - plty, frm - hd, brit, slly stylic & peloidal, tr carb flks, tr yel pp cut flor, dns, ns.
Ls: off wh, wh, lt brn, micxl - crpxl, micric, intraclastic, blky - plty, frm - hd, brit, slly stylic, dism v f gred pyr, freq clr - wh calc rhmbs, tr lt gn argl, slly dolic, dns, mod - tr yel blomg cut flor.
Ls: lt brn, off wh, wh, tr dk gy, micxl - crpxl, micric, intraclastic, blky - plty, frm - hd, brit, slly stylic, dism f gred pyr, tr lt gn argl, slly dolic, dns, abnt brl yel blomg cut flor, tr lt brn resd.



Oct 7, 2001
Oct 8, 2001
Oct 9, 2001
NB#10 Hughes STX40
Aguathuna
(TVD: 3499.51)
(SSL: -3491.61)
Costa Bay Mb
(TVD: 3519.26)
(SSL: -3511.36)
Bit#10 Hughes STX40
59.00 / 35.75 hrs
Cond 4-4-BT-M-E-I-FC-PP
3540 m
3550 m
3560 m
3570 m
3580 m
3590 m
3600 m
Ls: off wh, wh, lt brn, micxl - crpxl, micric, intraclastic, blky - plty, frm - hd, brit, slly stylic, occ clr - wh calc rhmbs, tr lt gn argl, tr dolic, dns, mod - tr yel blomg cut flor in washed spl, abnt yel blmg cut flor in unwashed spl.
Ls: off wh, wh, lt brn, micxl - crpxl, micric, intraclastic, blky - plty, frm - hd, brit, slly stylic, occ clr - wh calc rhmbs, tr lt gn argl, occ lt brn dol slly suc, dns, mod - tr yel blomg cut flor in washed spl, abnt yel blmg cut flor in unwashed spl.
Sh: lt gn, frm, sbfis, elongated, wxy, tr dism pyr, intbd / ls.
Dol: m - lt brn, off wh, mot, micxl - c xln, suc, blky, ang, sft-frm, occ wh dol veinlets, tr gn sh / f dism pyr, p por, mod hydc odour, ptch - even bri blomg yel flor when 10% Hcl added, fast bri yel crush cut flor.
Sh: lt gn, frm, sbfis, elongated, wxy, tr dism pyr, intbd / ls.
Dol: m - lt brn, off wh, c xln, suc, blky, ang, sft-frm, tr gn sh / f dism pyr, p por, fnt hydc odour, tr blomg yel flor when 10% Hcl added, fnt yel cut flor.
Sh: lt gn, frm, sbfis, elongated, wxy, tr dism pyr, intbd / ls.
Dol: m - lt brn, off wh, micxl - c xln, suc, blky, ang, sft - frm, p - no vis por, fnt hydc odour, occ bri blomg yel flor when 10% Hcl added, fast yel blomg cut flor.
Ls: wh, bf, lt brn, mas, micxl - crpxl, blky - plty, frm - hd, brit, dism pyr, dns, ns.
Sh: lt gn, frm, sbfis, elongated, wxy, tr dism pyr, intbd / ls.
Dol: m - lt brn, off wh, micxl - c xln, mod suc, blky, ang, frm - hd, p por, occ pp yel flor when 10% Hcl added, slow yel blomg cut flor.
Ls: wh, bf, lt brn, mas, peloidal, mainly crpxl - occ micxl, blky, frm - hd, brit, dism pyr, dns, ns.
Sh: lt gn, frm, sbfis, elongated, wxy, tr dism pyr, intbd / ls.
Ls: wh, bf, lt brn, mas, peloidal, mainly crpxl - occ micxl, blky, frm - hd, brit, dism pyr, tr gn sh, dns, ns.
Dol: wh, off wh, c xln, slly suc, blky, ang,frm - hd, p por, freq carb flks & blt stng, pp yel flor when 10% Hcl added, fast bri yel blomg cut flor.
Ls: wh, bf, lt brn, mas, peloidal, mainly crpxl - occ micxl, blky, frm - hd, brit, dism pyr, tr gn sh, dns, ns.
Dol: wh, off wh, c xln, slly suc, blky, ang,frm - hd, p por, freq carb flks & blt stng, abnt live o in unwashed spl, abnt pin point yel flor when 10% Hcl added, fast yel blomg cut flor.
Ls: wh, bf, lt brn, mas, peloidal, mainly crpxl - occ micxl, blky, frm - hd, brit, dism pyr, dns, ns.
Dol: wh, off wh, c xln, slly suc, blky, ang,frm - hd,


40
30
20
10
0
Oct 13, 2001
Oct 14, 2001
3610 m
3620 m
3630 m
3640 m
3650 m
3660 m
3670 m
30 Oct
Calcite
(TVD: 3553.45)
(SSL: -3555.95)
DS 22.9° AZ 280.9°
TVD 3563.73
DS 23.5° AZ 280.2°
TVD 3587.28
45
25
5
occ carb flks, no vis por, ns.
Ls. wh, bf, lt brn, mas, peloidal, freq styls, mainly crpxl - occ micxl, blky, frm - hd, brit, dism pyr, dns, ns.
Ls: wh, bf, lt brn, mas, peloidal, freq styls, mainly crpxl - occ micxl, blky, frm - hd, brit, dism pyr, dns, ns.
Dol. wh, off wh, c xln, slly suc, blky, ang,frm - hd, occ carb flks, no vis por, ns.
Ls. wh, bf, lt brn, mas, peloidal, freq styls, mainly crpxl - occ micxl, blky, frm - hd, brit, dism pyr, dns, ns.
Sh. gy, gy gn, frm, plty - sbfis, wxy, slly calcs, tr dism pyr.
Ls: lt brn, off wh, wh, crm, mas, freq styls, micxl - crpxl, bioturb, blky, frm - hd, brit, dism pyr, dns, ns
Sh. gy, gy gn, frm, plty - sbfis, wxy, slly calcs, tr dism pyr.
Ls: lt brn, off wh, wh, crm, mas, freq styls, micxl - crpxl, bioturb, blky, frm - hd, brit, dism pyr, dns, ns.
Sh. gy, gy gn, frm, plty - sbfis, wxy, slly calcs, tr dism pyr.
Ls. lt brn, off wh, wh, crm, mas, freq styls, micxl - crpxl, bioturb, blky, frm - hd, brit, dism pyr, occ lt brn cht, arg, dns, ns.
Ls. lt brn, off wh, wh, crm, mas, freq styls, micxl - crpxl, bioturb, blky, frm - hd, brit, dism pyr, occ lt brn cht, arg, dns, ns.
Ls: lt brn, off wh, wh, crm, mas, freq styls, micxl - crpxl, bioturb, blky, frm - hd, brit, dism pyr, occ lt brn cht, arg, dns, ns.
Ls: lt brn, off wh, crm, mas, occ styls, micxl - crpxl, bioturb, blky, frm - hd, brit, occ sft - fri, freq clr - wh calc, dism pyr, tr lt brn cht, arg, dns, ns.
Ls: lt brn, off wh, crm, mas, occ styls, micxl - crpxl, freq c xln, bioturb, blky, frm - hd, brit, occ sft - fri, freq clr - wh calc, dism pyr, tr lt brn cht, arg, dns, ns. (Btm up spl) (Run back Liner)
Ls. lt brn, off wh, crm, mas, tr styls, micxl - crpxl, occ c xln, bioturb, blky, frm - hd, brit, occ sft - fri, occ clr - wh calc, dism pyr,slly gn arg, dns, ns.



Ls: lt brn, off wh, crm, mas, tr styls, micxl - crpxl, occ c xln / dism pyr, bioturb, blky, frm - hd, brit, occ sft - fri, occ clr - wh calc, freq arg, dns, ns.

Ls: lt brn, off wh, crm, mas, tr styls, micxl - crpxl, occ c xln / dism pyr, bioturb, blky, frm - hd, brit, occ sft - fri, occ clr - wh calc, freq arg, dns, ns.

Dol: pale - lt brn, wh, crm, frm - hd, freq fri, chky, blky, micxl - xl, occ wh rhombs, p por, ns.

Ls: lt - m brn, off wh, crm, mas, tr styls, micxl - crpxl, occ c xln / dism pyr, bioturb, blky, frm - hd, brit, occ sft - fri, occ clr - wh calc, freq arg, dns, ns.

Dol: pale - lt brn, wh, crm, frm - hd, freq fri, chky, blky, micxl - xln, occ wh rhombs, p por, ns.

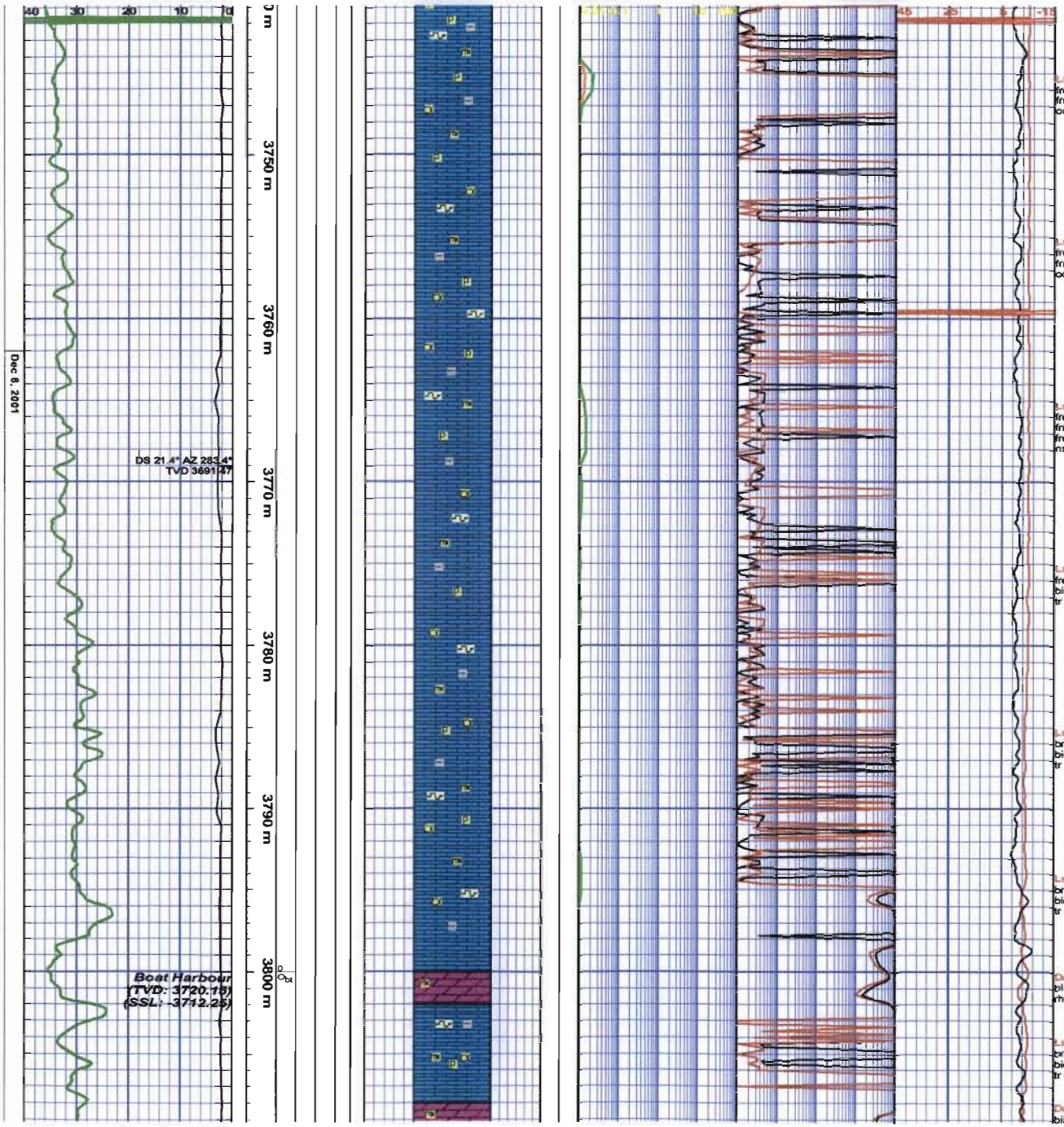
Ls: lt - m brn, off wh, crm, mas, tr styls, micxl - crpxl, occ c xln / dism pyr, bioturb, blky, frm - hd, brit, occ sft - fri, occ clr - wh calc, freq arg, dns, ns.

Ls: lt - m brn, off wh, crm, mas, tr styls, micxl - crpxl, occ c xln / dism pyr, bioturb, blky, hd - frm, brit, occ sft - fri, occ clr - wh calc, freq arg, dns, ns.

Ls: lt - m brn, off wh, crm, mas, freq styls, micxl - crpxl, occ c xln / dism pyr, bioturb, blky, hd - frm, brit, occ sft - fri, occ clr - wh calc, freq brn arg, dns, ns.

Ls: lt - m brn, off wh, crm, mas, freq styls, mic crpxl, occ c xln / freq dism pyr, bioturb, blky, h frm, brit, conch, occ wh chky, tr clr - wh calc, f brn arg, dns, ns. (Btm up)

Ls: lt - m brn, off wh, wh, crm, mas, occ styls, crpxl - micxl, tr c xln / dism pyr, bioturb, blky, hd - frm, brit, conch, occ wh chky, tr clr - wh calc, tr arg, tr gn frm - hd sh, dns, ns.



L.S. lt - m brn, off wh, wh, crm, mas, crpxl - micxl, freq c xln / dism pyr, occ styls, bioturb, blky, hd - frm, brit, conch, occ wh chky, fri, tr clr - wh calc, occ arg, dns, ns.

L.S. lt - m brn, off wh, wh, crm, mas, crpxl - micxl, freq c xln / dism pyr, occ styls, bioturb, blky, hd - frm, brit, conch, occ wh chky, fri, tr clr - wh calc, occ arg, occ lt brn conch cht, dns, ns.

L.S. lt - m brn, off wh, wh, crm, mas, crpxl - micxl, freq c xln / dism pyr, occ styls, bioturb, blky, hd - frm, brit, conch, occ wh chky, fri, tr clr - wh calc, freq dk brn arg, occ lt brn conch cht slly oolic, dns, ns.

L.S. lt - m brn, off wh, wh, crm, mas, crpxl - micxl, freq brn c xln / rhombs & dism pyr, occ styls, bioturb, blky, hd - frm, brit, conch, freq wh chky, fri, tr clr - wh calc, occ arg, dns, ns.

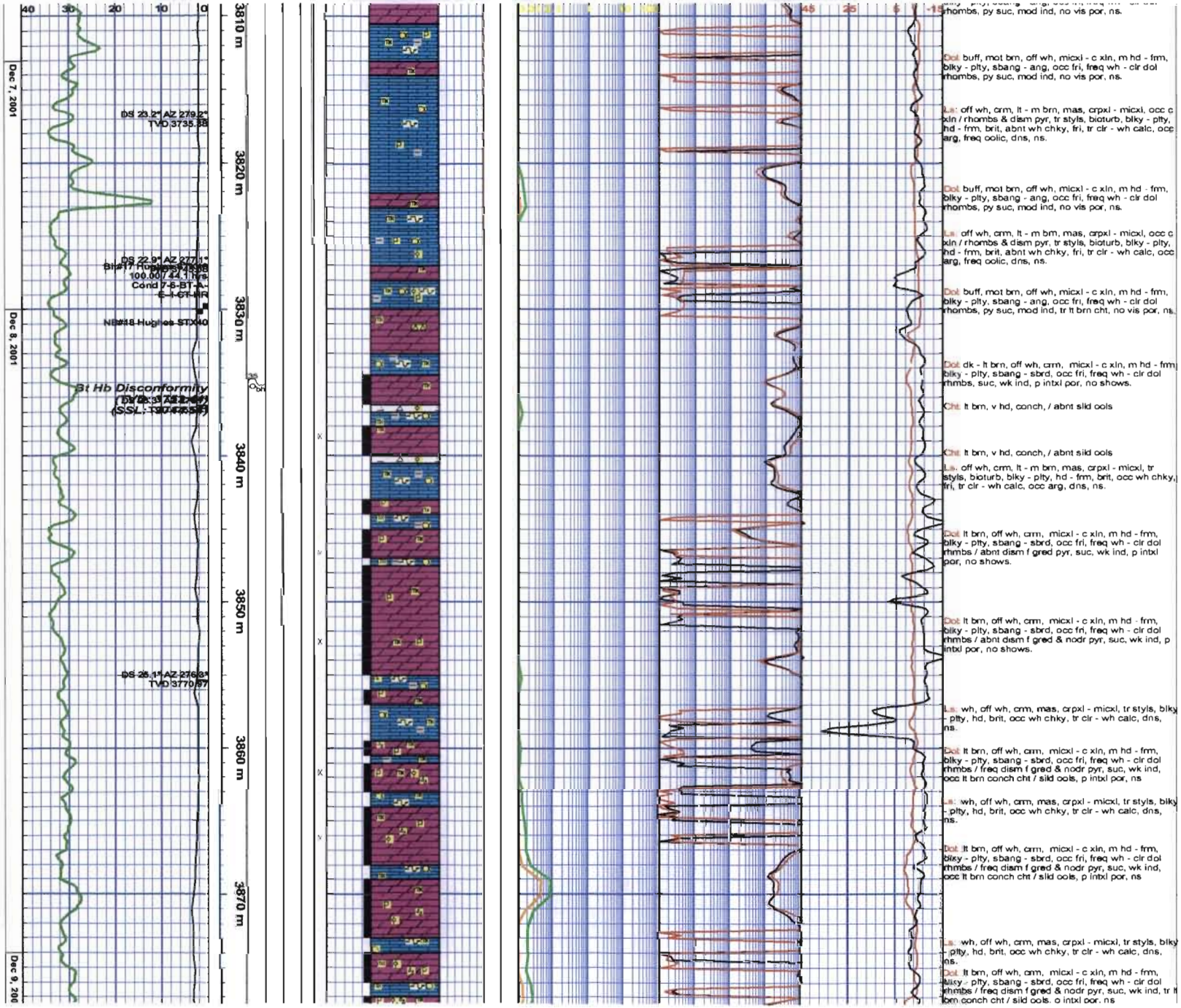
L.S. off wh, lt - m brn, crm, mas, crpxl - micxl, freq brn c xln / rhombs & dism pyr, slly dolic, occ styls, bioturb, blky, hd - frm, brit, conch, abnt wh chky, fri, tr clr - wh calc, occ arg, dns, ns.

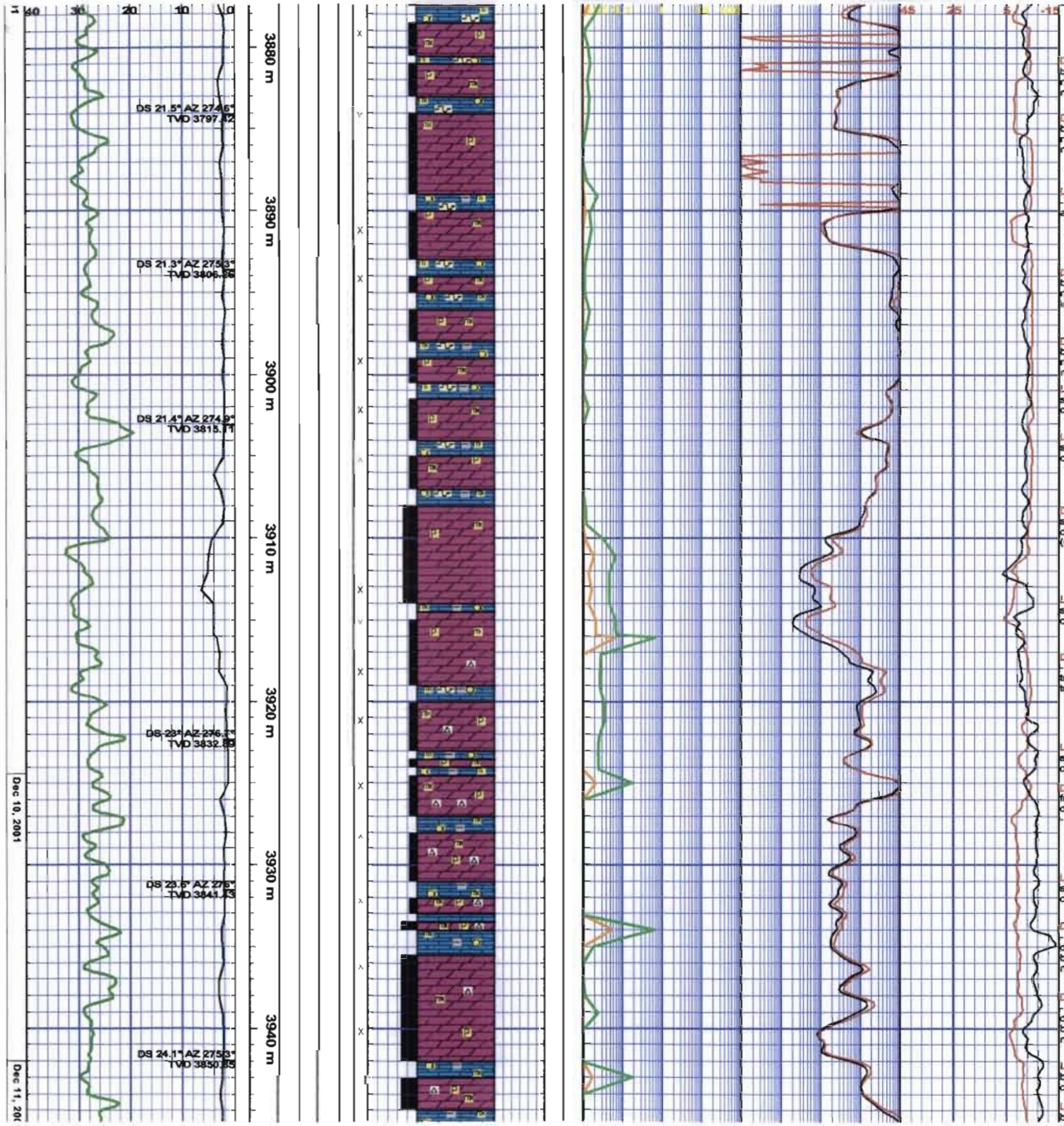
L.S. off wh, lt - m brn, crm, mas, crpxl - micxl, freq brn c xln / rhombs & dism pyr, slly dolic, occ styls, bioturb, blky, hd - frm, brit, conch, abnt wh chky, fri, tr clr - wh calc, occ arg, dns, ns.

Dol buff, mot brn, off wh, micxl - c xln, m hd - frm, blky - plty, sbang - ang, occ fri, freq wh - clr dol rhombs, py suc, mod ind, no vis por, ns.

L.S. off wh, lt - m brn, crm, mas, crpxl - micxl, freq brn c xln / rhombs & dism pyr, slly dolic, occ styls, bioturb, blky, hd - frm, brit, conch, abnt wh chky, fri, tr clr - wh calc, occ arg, dns, ns.

Dol buff, mot brn, off wh, micxl - c xln, m hd - frm, blky - plty, sbang - ang, occ fri, freq wh - clr dol


40
30
20
10
0
Dec 7, 2001
Dec 8, 2001
Dec 9, 2001
DS 23.2° AZ 279.2°
TVD 3735.38
DS 22.9° AZ 277.1°
100.00 / 44.1 hrs
Cond 7-8-BT-A-
E-I-CT-WT
NB#18 Hughes STX40
Bt Hb Disconformity
DS 26.1° AZ 276.8°
TVD 3770.87
3810 m
3820 m
3830 m
3840 m
3850 m
3860 m
3870 m
45
25
5
-15
rhombs, py suc, mod ind, no vis por, ns.
Dol: buff, mot brn, off wh, micxl - c xln, m hd - frm, blky - plty, sbang - ang, occ fri, freq wh - clr dol rhombs, py suc, mod ind, no vis por, ns.
Ls: off wh, crm, lt - m brn, mas, crpxl - micxl, occ c xln / rhombs & dism pyr, tr styls, bioturb, blky - plty, hd - frm, brit, abnt wh chky, fri, tr clr - wh calc, occ arg, freq oolic, dns, ns.
Dol: buff, mot brn, off wh, micxl - c xln, m hd - frm, blky - plty, sbang - ang, occ fri, freq wh - clr dol rhombs, py suc, mod ind, no vis por, ns.
Ls: off wh, crm, lt - m brn, mas, crpxl - micxl, occ c xln / rhombs & dism pyr, tr styls, bioturb, blky - plty, hd - frm, brit, abnt wh chky, fri, tr clr - wh calc, occ arg, freq oolic, dns, ns.
Dol: buff, mot brn, off wh, micxl - c xln, m hd - frm, blky - plty, sbang - ang, occ fri, freq wh - clr dol rhombs, py suc, mod ind, tr lt brn cht, no vis por, ns.
Dol: dk - lt brn, off wh, crm, micxl - c xln, m hd - frm, blky - plty, sbang - sbrd, occ fri, freq wh - clr dol rhmbs, suc, wk ind, p intxl por, no shows.
Cht: lt brn, v hd, conch, / abnt sild ools
Cht: lt brn, v hd, conch, / abnt sild ools
Ls: off wh, crm, lt - m brn, mas, crpxl - micxl, tr styls, bioturb, blky - plty, hd - frm, brit, occ wh chky, fri, tr clr - wh calc, occ arg, dns, ns.
Dol: lt brn, off wh, crm, micxl - c xln, m hd - frm, blky - plty, sbang - sbrd, occ fri, freq wh - clr dol rhmbs / abnt dism f gred pyr, suc, wk ind, p intxl por, no shows.
Dol: lt brn, off wh, crm, micxl - c xln, m hd - frm, blky - plty, sbang - sbrd, occ fri, freq wh - clr dol rhmbs / abnt dism f gred & nodr pyr, suc, wk ind, p intxl por, no shows.
Ls: wh, off wh, crm, mas, crpxl - micxl, tr styls, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, dns, ns.
Dol: lt brn, off wh, crm, micxl - c xln, m hd - frm, blky - plty, sbang - sbrd, occ fri, freq wh - clr dol rhmbs / freq dism f gred & nodr pyr, suc, wk ind, occ lt brn conch cht / sild ools, p intxl por, ns
Ls: wh, off wh, crm, mas, crpxl - micxl, tr styls, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, dns, ns.
Dol: lt brn, off wh, crm, micxl - c xln, m hd - frm, blky - plty, sbang - sbrd, occ fri, freq wh - clr dol rhmbs / freq dism f gred & nodr pyr, suc, wk ind, occ lt brn conch cht / sild ools, p intxl por, ns
Ls: wh, off wh, crm, mas, crpxl - micxl, tr styls, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, dns, ns.
Dol: lt brn, off wh, crm, micxl - c xln, m hd - frm, blky - plty, sbang - sbrd, occ fri, freq wh - clr dol rhmbs / freq dism f gred & nodr pyr, suc, wk ind, tr lt brn conch cht / sild ools, p intxl por, ns



Dol dk - lt brn, off wh, crm, micxl - c xln, m hd - frm blky - plty, sbang - sbrd, occ fri, occ wh - clr dol rhmbs / occ dism f gred pyr, suc, wk ind, p intxl por, ns.

Dol dk - lt brn, off wh, crm, micxl - c xln, m hd - frm blky - plty, sbang - sbrd, occ fri, occ wh - clr dol rhmbs / occ dism f gred pyr, suc, wk ind, p intxl por, ns.

Ls. wh, off wh, crm, mas, crpxl - micxl, tr styls, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, freq arg, dns, ns.

Dol dk - lt brn, off wh, crm, micxl - c xln, m hd - frm blky - plty, sbang - sbrd, occ fri, tr wh - clr dol rhmbs / occ dism f gred pyr, non suc, strongly ind, p intxl por, ns.

Dol dk - lt brn, off wh, crm, micxl - c xln, m hd - frm blky - plty, sbang - sbrd, occ fri, occ wh - clr dol rhmbs / occ dism f gred pyr, suc, wk ind, p intxl por, ns.

Ls. wh, off wh, lt - m brn, crm, mas, crpxl - micxl, tr styls, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, freq arg, dns, ns.

Ls. wh, off wh, lt - m brn, crm, mas, crpxl - micxl, tr styls, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, tr arg, dns, ns.

Dol lt brn, off wh, crm, micxl - c xln, frm, blky - plty, sbang - sbrd, occ fri, abnt wh - clr dol rhmbs / occ dism f gred pyr, suc, wk ind, fr - g intxl por, ns. (drilling break)

Ls. wh, off wh, lt - m brn, crm, mas, crpxl - micxl, tr styls, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, tr arg, dns, ns.

Dol wh, off wh, lt brn, crm, micxl - xln, hd - frm, blky - plty, sbang - sbrd, occ fri, occ wh - clr dol rhmbs / tr dism f gred pyr, wk suc, ind, abnt lt brn - pale wh, trnsl, v hd, conch cht, p intxl por, ns.

Ls. wh, off wh, lt - m brn, crm, mas, crpxl - micxl, tr styls, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, tr arg, dns, ns.

Dol wh, off wh, buff, lt brn, crm, micxl - xln, hd - frm, blky - plty, sbang - sbrd, occ fri, occ wh - clr dol rhmbs / tr dism f gred pyr, wk suc, ind, occ lt brn - pale wh, trnsl, v hd, conch cht, p intxl por, ns.

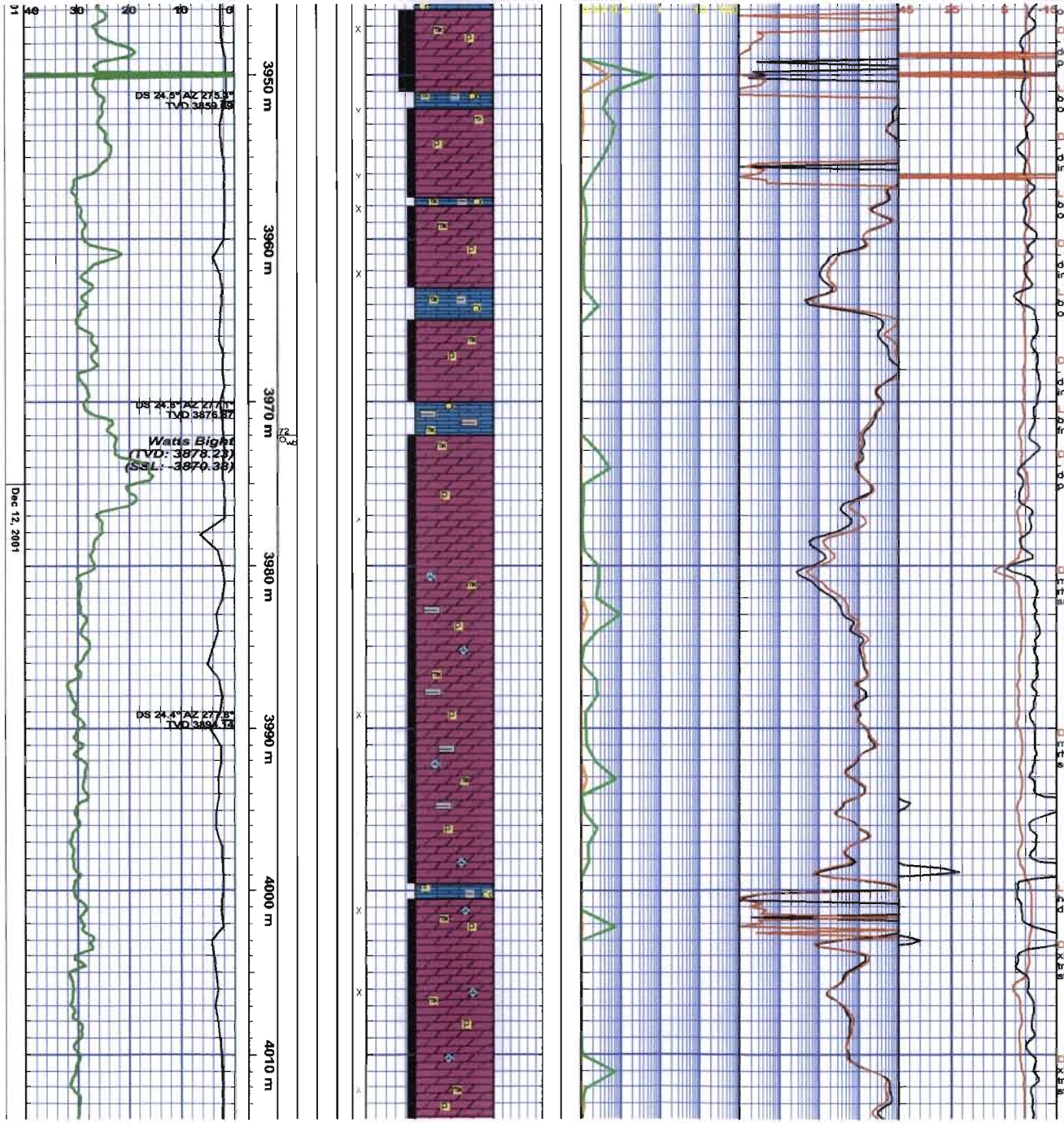
Ls. wh, off wh, lt - m brn, crm, mas, crpxl - micxl, tr styls, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, tr arg, dns, ns.

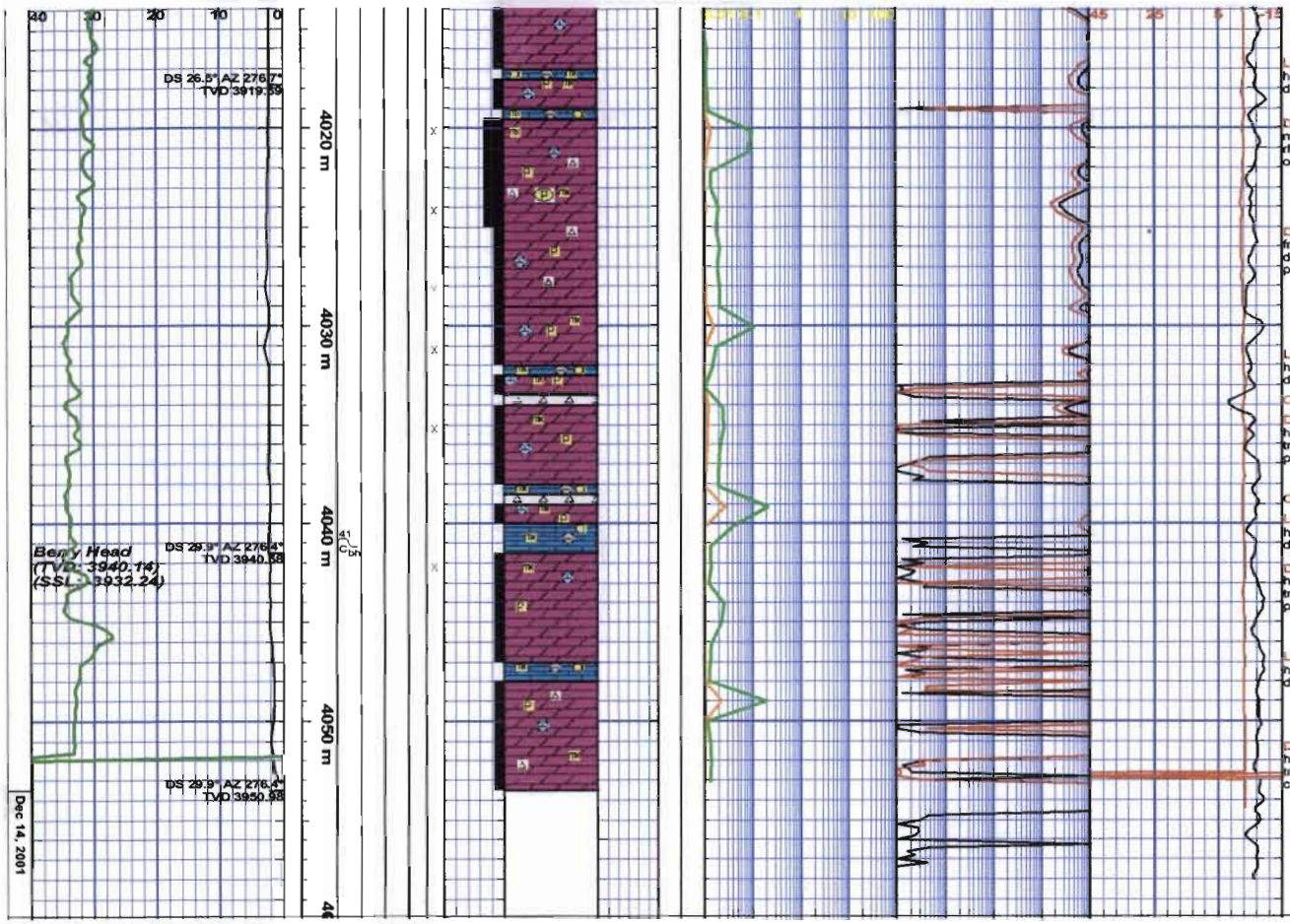
Dol wh, off wh, buff, crm, micxl - xln, occ c xln, hd - frm, blky - plty, sbang - sbrd, occ fri, freq wh - clr dol rhmbs / occ dism f gred pyr, wk suc, ind, occ lt brn - pale wh, trnsl, v hd, conch cht, p - fr intxl por, ns.

Dol wh, off wh, buff, crm, micxl - xln, occ c xln, hd - frm, blky - plty, sbang - sbrd, occ fri, freq wh - clr dol rhmbs / occ dism f gred pyr, wk suc, ind, occ lt brn - pale wh, trnsl, v hd, conch cht, p - fr intxl por, ns.

Ls. wh, off wh, lt - m brn, crm, mas, crpxl - micxl, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, occ arg, dns, ns.

Ls. wh, off wh, lt - m brn, crm, mas, crpxl - micxl, blky - plty, hd, brit, occ wh chky, tr clr - wh calc.


Dec 12, 2001
40
30
20
10
0
DS 24.5° AZ 275.3°
TVD 3859.83
DS 24.5° AZ 277.1°
TVD 3876.87
Watts Bight
(TVD: 3878.23)
(SSL: -3870.38)
DS 24.4° AZ 277.8°
TVD 3894.74
3950 m
3960 m
3970 m
3980 m
3990 m
4000 m
4010 m
45
25
5
occ arg, dns, ns.
Dol wh, off wh, buff, crm, micxl - xln, occ c xln, hd - frm, blky - plty, sbang - sbrd, occ fri, occ wh - clr dol rhmbs / tr dism f gred pyr, wk suc, ind, p intxl por, ns.
Ls wh, off wh, lt - m brn, crm, mas, crpxl - micxl, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, occ arg, tr gn sh, dns, ns.
Dol wh, off wh, buff, crm, micxl - xln, occ c xln, hd - frm, blky - plty, sbang - sbrd, occ fri, occ wh - clr dol rhmbs / tr dism f gred pyr, wk suc, ind, p - no intxl por, ns.
Ls wh, off wh, lt - m brn, crm, mas, crpxl - micxl, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, occ arg, tr gn sh, dns, ns.
Dol wh, off wh, buff, crm, micxl - xln, occ c xln, hd - frm, blky - plty, sbang - sbrd, occ fri, occ wh - clr dol rhmbs / tr dism f gred pyr, wk suc, ind, p - no intxl por, ns.
Ls wh, off wh, lt - m brn, crm, mas, crpxl - micxl, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, occ arg, tr gn sh, dns, ns.
Dol wh, off wh, buff, crm, micxl - xln, occ c xln, hd - frm, blky - plty, sbang - sbrd, occ fri, occ wh - clr dol rhmbs / tr dism f gred pyr, wk suc, ind, p - no intxl por, ns.
Ls wh, off wh, lt - m brn, crm, mas, crpxl - micxl, blky - plty, hd, brit, occ wh chky, tr clr - wh calc, freq arg, dns, ns.
Dol wh, off wh, buff, crm, micxl - xln, freq c xln, hd - frm, blky - plty, sbang - sbrd, occ fri, freq wh - clr dol rhmbs / tr dism f gred pyr, suc, ind, p - no intxl por, ns.
Dol off wh, wh, buff, crm, lt brn, micxl - c xln, calcs mtx, hd - frm, blky - plty, occ fri, abnt wh - tmsl dol rhmbs / tr dism f gred pyr, occ sh strgs, slly - abnt suc, strong ind, p - no intxl por, ns.
Dol off wh, wh, buff, crm, lt brn, micxl - c xln, calcs mtx, hd - frm, blky - plty, occ fri, abnt wh - tmsl dol rhmbs / tr dism f gred pyr, occ sh strgs, slly - abnt suc, strong ind, p - no intxl por, ns.
Ls wh, off wh, lt brn, crm, crpxl - micxl, blky - plty, hd, brit, freq clr - wh calc / abnt mnrl flor, occ arg, dns, ns.
Dol wh, off wh, buff, crm, lt brn, micxl - xln, occ c xln, calcs mtx, hd - frm, blky - plty, occ fri, tr wh - tmsl dol rhmbs / freq dism f gred pyr, slly suc, strong ind, p - no intxl por, ns.
Dol wh, off wh, buff, crm, lt brn, micxl - xln, occ c xln, calcs mtx, hd - frm, blky - plty, occ fri, tr wh - tmsl dol rhmbs / freq dism f gred pyr, slly suc, strong ind, p - no intxl por, ns.



Ls: wh, off wh, lt brn, crm, crpxl - micxl, blky - plty, hd, brit, freq clr - wh calc / occ mnrl flor, occ arg, dns, ns.

Dol: off wh, wh, buff, crm, lt brn, micxl - c xln, calcs mtx, hd - frm, blky - plty, freq fri, abnt wh - trnsl dol rhmbs / tr dism f gred pyr, occ pyr strgs, suc, ind, occ lt brn cht, p - fr intxl por, ns.

Dol: lt brn, off wh, crm, micxl - c xln, calcs mtx, hd - frm, blky - plty, tr fri, occ wh - trnsl dol rhmbs / tr dism f gred pyr, wk suc, strongly ind, freq lt brn cht, p - no intxl por, ns.

Ls: off wh, wh, lt brn, crm, crpxl - micxl, blky - plty, hd, brit, freq clr - wh calc / occ mnrl flor, occ arg, dns, ns.

Cht: lt brn, v hd, ang, conch.

Dol: dk - lt brn, off wh, crm, micxl - c xln, calcs mtx, hd - frm, blky - plty, tr fri, occ wh - trnsl dol rhmbs / tr dism f gred pyr, wk suc, strongly ind, p - no intxl por, ns.

Cht: lt brn, v hd, ang, conch.

Ls: off wh, wh, lt brn, crm, crpxl - micxl, blky - plty, hd, brit, freq clr - wh calc / occ mnrl flor, occ arg, dns, ns.

Dol: dk - lt brn, off wh, crm, micxl - c xln, calcs mtx, hd - frm, blky - plty, tr fri, occ wh - trnsl dol rhmbs / tr dism f gred pyr, wk suc, strongly ind, p - no intxl por, ns.

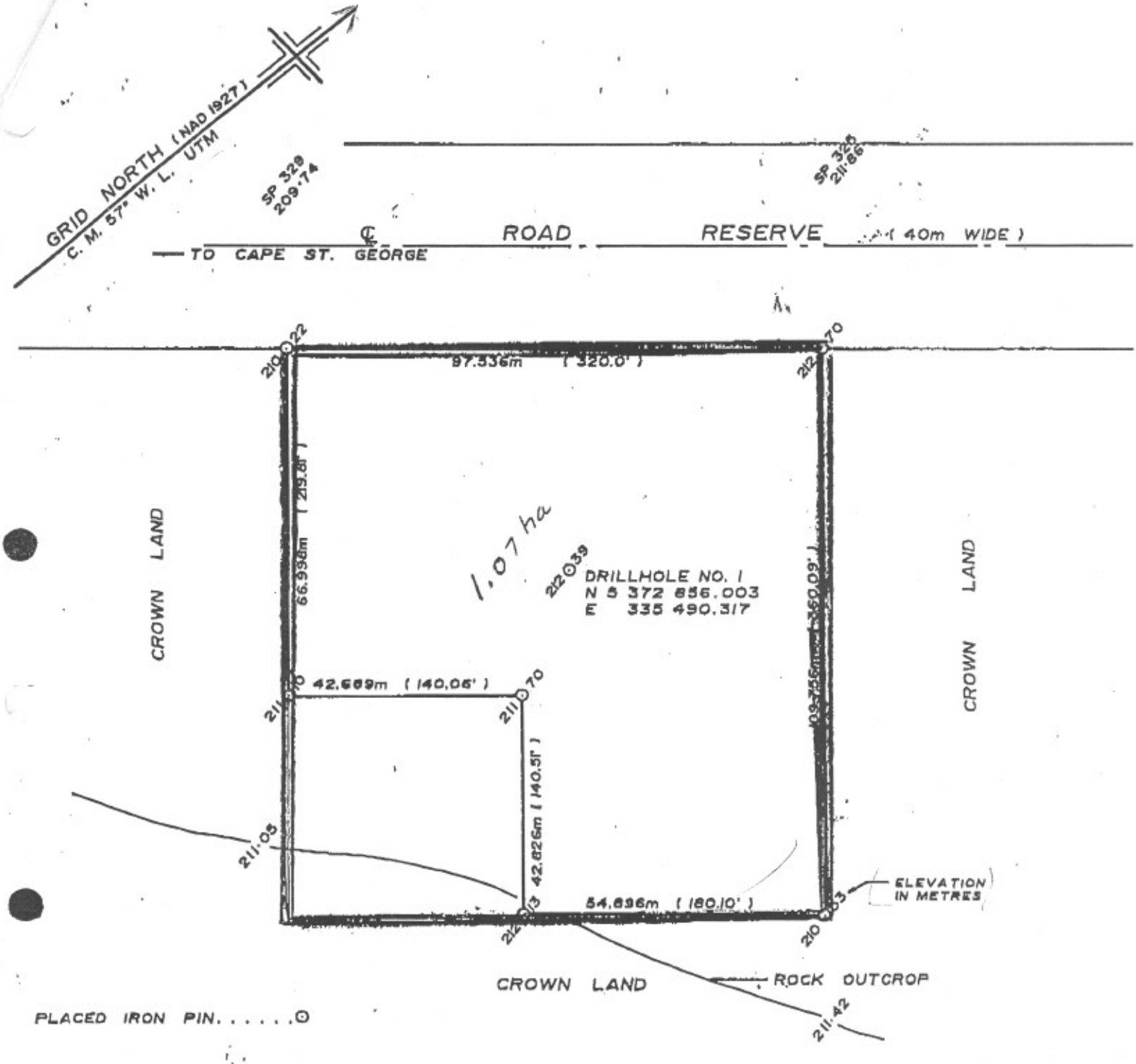
Ls: off wh, wh, lt brn, crm, crpxl - micxl, blky - plty, hd, brit, freq clr - wh calc / occ mnrl flor, occ arg, dns, ns.

Dol: dk - lt brn, off wh, crm, micxl - c xln, calcs mtx, hd - frm, blky - plty, tr fri, occ wh - trnsl dol rhmbs / tr dism f gred pyr, wk suc, strongly ind, freq lt brn cht, p - no intxl por, ns.(FTD)

FTD: Dec 13, 2001 @ 18:30 (4053.5MD)

APPENDIX G:

Survey of Well Site



PLOT PLAN PREPARED
FOR
HUNT OIL

PLAN PREPARED BY
YATES & WOODS LTD.
NEWFOUNDLAND LAND SURVEYOR'S
JUNE 9, 1994 DWG. NO. 94070-1

SCALE 1 : 1000