Investcan Energy Corp

Final Well Report

for

Gobineau#1

At

Permit 03-106

Western Newfoundland

Record of Revision					
Rev. No.	**Date**	**Revision**	**Prepared**	**Reviewed**	**Approved**
1	March 10th, 2013	Submitted	A. Forcinal Technical Manager	R. Webb CEO	

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1 INTRODUCTION

Investcan Energy Corporation (IEC, 'The Company') drilled the Gobineau#1 Well, south of the abandoned Gypsum Quarry off Regional Road number R403, as an exploratory well. The well was the first well drilled by the Company as an Onshore Operator and it was initially spudded on November 10th, 2012. IEC is the sole interest holder of EP 03-106.

Prior to drilling Gobineau#1, the Company undertook a very serious technical audit of the area and determined that the Fishell's Brook, based on the results of Flat Bay Test Hole #7, would be a strong candidate for an Appraisal Pilot, within the confines of the existing Development Plan for EP 03-106. The Gobineau#1 was drilled to explore and evaluate the hydrocarbon bearing potential of structures at and below the Fischell's Brook conglomerate identified off surface seismic of the Bay St. George basin.

Gobineau#1 was drilled on behalf of IEC, by Foragaz Inc, using its #3 Rig. Management of the Operation was undertaken by IEC Staff with support of contracted drilling supervision. The well was drilled to 445.06 MD (442.6 TVD) and cased with 178 mm production casing and completed. The conductor was drilled with a water-well rig with no major issues. The 339mm (13-3/8 inch) conductor was set at 15.20m. The 244mm (9-5/8 inch) surface casing was set at 162m and the production casing was run and cemented at 178mm (7 inch) was set at 215.69m. Cementing operations went smoothly with good returns. There were fifteen (15) cores taken and recovered over the interval from 216.4m to 430.2m, continuously described on site, boxed and transported offsite for storage, laboratory study and like analysis. The Company ran a full suite of wireline evaluation logs run over the potential pay zones. Attempts to recover a fluid sample failed.

The rig was subsequently released on December 13th, 2012. The well status as of January 10th, 2013 was Terminated (Completed).

Presently, the well is currently completed with 77.8mm (2 3/8 inch) tubing at 427mMD and awaiting stimulation. If Investcan is successful in producing Gobineau#1 well, it will be used as an injection well for an appraisal pilot project. At that time Investcan will recomplete Gobineau#1 as an injector well.

Serious issues with operations that are worth highlighting are the following: an important lost circulation zone at 100m which resulted in an additional cement job and additional lost time associated with the diverter (series of installations and removals by way of cutting and re-welding). The Rig performed generally well, other than an important malfunction when the drill line became misaligned in the travelling blocks, causing the line to be severely bound in the sheave. The cable had to replaced, and damage to travelling block sheaves repaired, resulting in an important interruption in operations.

Well site drilling supervision was started by Wade AUGOT, Hazen HYNES who was subsequently replaced by Ernie LEROUX. Well site geology was performed by Roland STRICKLAND, P.Geo., with support by Marine DI MATTEO. Operations management was supervised by Antoine FORCINAL, P.Eng., Technical Manager at IEC.

2 GENERAL INFORMATION

2.1 ADMINISTRATIVE DATA

Well Name:	*Gobineau#1*	
Operator	*Investcan Energy Corp.*	
Permit	*Exploration Permit n°03-106*	
DPA	*DPA 2012-131-01*	
ADW	*ADW 2012-131-01-01*	
Operator	*Investcan Energy Corporation*	
Contractor	*Foragaz Inc (a division of Junex Inc)*	
Drilling Rig:	*Rig#3*	
Rig Type:	*Double Drilling Rig*	
Geographic Coordinates:	UTM "X" East NAD 27	*384992*
	UTM "Y" North NAD 27	*5357531*
Survey Summary	*While drilling single shot surveys were used to track wellbore deviation. The final survey list used totco single-shot (inclination only) surveys from 0 –[] m*	

Table 2-1 - General Information on Gobineau#1 drilling

The Gobineau#1 Well is located South East of the Community of Flat Bay (Bay St. George, Western Newfoundland), on permit EP 03-106. The site is located due south off Regional Road number R403, south of the former Gypsum Quarry. Access runs through the former quarry, and the well is located approximately 2.5 kms south of R403. A map showing the location of the well and the final legal survey are included in the Appendix A.

Included in Appendix B are copies of the various government approvals granted during operations.

2.2 DRILLING UNIT

Company & Rig	Foragaz Inc Division of Junex, inc.	#3
Construction Completed:	2010	(DOUBLE U-34) with Top Drive
Specifications:	Substructure Type:	Box-on-Box (8 pieces)
	Rig Floor level and KB	13,5m (13ft)
	Mast Type and Height	29.26m (96ft) Guyed Telescopic Double
	Maximum Drill Depth	2000m
	Maximum Hook Load	80,000 daN (180,000 lbf)
	Drawworks (power, engine)	Simple Drum, 450HP Detroit Diesel 560 12.7L
	Top Drive Torque	597 daN-m (4,400 lbf-ft @100RPM)
	Drilling Line	1 inch – 6 lines
	Carrier	Lee-C Moore, 3 rear axles
	Drill Pipe	101mm (4inch) 20,46 daN/m (14lb/ft), S-135 connection 3 ½ IF (NC 38), 2,000M (6,562 ft)

Table 2-2 - General Information on Foragaz Rig#3

2.3 ELEVATIONS

Ground Level Elev. - 103.18 m (ref. MSL)
KB Elev. – 107.5 m (ref. MSL) / 4.32 m (ref. MSL)

2.4 DEPTHS

Total Depth - 445.00 meters MD KB/ 442.6 meters TVD KB
Total Depth logged – 444.4 meters MD KB

2.5 DATES

Start Date – 0730 hrs, Nov. 10th, 2012
TD Date - 1100 hrs, Dec.8th, 2012
Rig Release - 2359 hrs, Dec. 12th, 2012

2.6 WELL STATUS

Well is suspended with 177.8mm casing set to 215.69 meters and completed with 77.8mm tubing at 427mMD.

2.7 TIME & COST ANALYSIS

Original AFE			**Actual***	
Activity	Days	Cost (CAD $)	Days	Cost (CAD $)
Drilling	50.4	$2.8m	34	$2.5m

Table 2-3 – Time and Costs summary table

A daily detailed time breakdown is available from the Investcan morning reports included in Appendix C. The drilling curve and time breakdown are located in Appendix D. A summary of the drilling costs for the well is included in Appendix E. The original AFE included a 21.3 day testing period which has not been completed. *The actual well costs for Gobineau#1 are still being finalized.

2.8 BENEFITS TRACKING

The complete benefits tracking for the well is included in Appendix F.

2.9 DIFFICULTIES & DELAYS

The following provides a summary of the difficulties and delays that occurred during the drilling of Gobineau#1:

- The diverter was design to be welded to the casing bowl and each bit run required the casing to be cut and subsequently rewelded
- Drilling line tangled in travelling block
- Curing losses with LCM and cement plugs from 100m-113m.

- Coring bits need to be optimized as there were several broken cutters during coring runs and only four (4) coring bits of this model in North America
- Extensive coring interval (216m-425m) meant slow ROP and difficulties in retrieving long core sections
- Overall logistical challenges in western NL created delays
- The Toolpusher for Foragaz was struck on his left thigh by the box end of a drilling jar that had fallen from the pipe rack next to the catwalk. He received medical attention and returned to light duty work.

For detailed analysis of difficulties and delays, the drilling curve and time breakdown are included in Appendix E.

3 DRILLING OPERATIONS

3.1 HOLE SIZE AND DEPTHS

	Hole Size [mm]	Casing Size [mm]	Setting Depth [mRF]
Conductor	339.7	339.7	15.2
Surface Casing	311.2	244.5	162
Production Casing	216	177.8	214
Open Hole	156	N/A	445 (TD)

Table 3-1 – Hole sizes and depth table

3.2 BIT RECORDS

There were a total of 4 bits were used during the well. See Appendix G for details.

3.3 CASING AND CEMENTING RECORDS

- Surface

  Driven 339.7mm, 71.4 kg/m, K-55,0 to 15.8m KB.

- Intermediate

  Ran 244.48 mm, 59.53 kg/m L-80 casing, 0 - 162m KB with 1 float collar and 5 centralizers
  Cemented on November the 24th with 9.1m3 12T Halcem G with 3% CaCl2 @ 1895kgs/m3.

	Tonne	Cement Blend	Density [kg/m3]	Water [m3/t]	Yield [m3/t]	Volume [m3]
TAIL	12.0	HalCem G + 3% CaCl2	1895	0.44	0.76	9.1
TAIL	1.0	HalCem G	1895	0.44	0.76	0.8

Table 3-2 – Cementing Summary Intermediate Casing

Cement volume to surface was 2.0 m3. A Top up cement job was performed while waiting on cement: 1 tonne, 0.76m3 Slurry @ 1895 kg/m3.

- Production
  Ran 177.8 mm, 34.23 kg/m L-80 casing, 0 to 216m KB with 1 float collar and 8 centralizers;
  Cemented with 8.4T, 6.5m3 Thermacem40 Class G w/40% Silica Flour & 2% CaCl2 @ 1860kgs/m3.

	Tonne	Cement Blend	Density [kg/m3]	Water [m3/t]	Yield [m3/t]	Volume [m3]
TAIL	8.4	ThermaCem 40+2% CaCl2 + 0.5% HALAD 344	1860	0.43	0.77	6.5

Table 3-3 – Cementing Summary Production Casing

Cement returns at surface: 2m3. The cement reports are available in Appendix H.

3.4 SIDETRACKED HOLE

There were no sidetracks during the well.

3.5 DRILLING FLUID

The well was drilled with a simple low viscosity water-based mud. A summary table is shown below:

Hole Section	Depth [m]	Diameter [mm]	Fluid Type	Viscosity [sec/L]	Weight [kg/m³]
Surface	162	311	Produced Water	32-35	1030-1100
Production	214	216	Fresh Water	32-35	1000-1100
Open Hole	445	156	Fresh Water	32-51	1000-1100

Table 3-4 – Drilling Fluids Summary

The mud reports can be found in Appendix I.

3.6 FLUID DISPOSAL

The Company managed fluids as originally planned. The drilling fluids were recycled during the entire campaign. The fluids are at the time of writing stored on site, pending either transportation by a qualified third party to the next well, once analysis can confirm that the fluids remain within the normal specification and have not been contaminated. The fluids were water based, and the additives were as environmentally benign as available.

When the decision is made to dispose formally of any of the drilling fluids, they will be analyzed and disposed of using the approved methods by a qualified third-party service provider. No permanent sewer system was built. All sanitary waste was collected regularly by third-party contractor and was disposed of within the regulations.

While drilling, the Company encountered a salt-water section that produced some 400 barrels in a very short time. This water was introduced into the mud system and was used for drilling purposes.

3.7 FISHING OPERATIONS

There were no fishing operations.

3.8 WELL INFLUXES

A significant water body was encountered at 100 mRF and a competent formation reached at 114 mRF. The pressure of the water body wasn't accurately measured. However, the latter was lower than the hydrostatic head of the drilling mud used at this time, which was 10kPa/m.

3.9 FORMATION LEAK-OFF TESTS

- **Nov 27, 2012 – 216mm Hole Section**

Mud Density @ Test=1010kgs/m3, surface applied pressure= 4422kPa, 36.4 kPa/m formation strength (167mKB)

- **Nov 29, 2012 – 156mm Hole Section**

Mud Density @ Test=1070kgs/m3, surface applied pressure= 4231kPa, 30.1 kPa/m formation strength (216mKB)

3.10 DEVIATION PLOT

Deviation was monitored with a TOTCO tool (measurement of a borehole's departure from the vertical). The following table summarizes the controlled vertical drilling records:

Date	Driller	Depth [m]	Inclination [°]
24th Nov 2012	F. Lyonnais	138	3.25
25th Nov 2012	F. Lyonnais	158	4
25th Nov 2012	F. Lyonnais	158	4
27th Nov 2012	S. Francoeur	214	3.25
30th Nov 2012	S. Francoeur	251	2.75
8th Dec 2012	F. Lyonnais	439	6

Table 3-5 – Well Deviation Summary

3.11 Suspension / Abandonment Plugs

There are no plugs in the main hole as it was cased, cemented and completed with 77.8mm tubing.

3.12 Well Schematic

A schematic showing hole sizes and depths, casing sizes and depths, and cementing tops is included in Appendix J. The final installed tubing and wellhead configuration is also included.

3.13 Fluid Samples

There several attempts to obtain fluid samples using a Formation Multi Tester tool. However, no formation fluid samples were recovered.

4 GEOLOGICAL

The geological summary report and final geological column diagram is included in Appendix K. A description of all cuttings collected is in the detailed report. All bagged and vialed cuttings samples are stored in Harvey Gale's storage facility.

4.1 CORING

Baker Hughes's HT12 coring system 5.125 inch core barrel was used to cut 3 inch OD core. In total, 213.75 meters of core was cut from 216.40 to 430.15 m MD. Coring operations commenced on November 29, 2012 when core barrels run into the hole at 11:30 am and concluded on December 7, 2012. In total, there were 15 core runs with 218 core tubes run in the hole. The core runs and tubes are summarized in Appendix L.

There were significant issues with the core assembly getting stuck or "jamming off". These included the core getting stuck in the first 5 core barrel runs. The length of the core runs was decreased to 18 meter length runs by run #6.

- Run#1: 13 meters of core on 54 meters barrel run
- Run#2: 25 meters of core on 27 meters barrel run
- Run#3: 6 meters of core on 27 meters barrel run
- Run#4: 2.5 meters of core on 27 meters barrel run
- Run#5: 1.3 meters of core on 27 meters barrel run
- Run#6: 18 meters of core on 18 meters barrel run
- Run#7: 16.5 meters of core on 18 meters barrel run
- Run#8: 18 meters of core on 18 meters barrel run

4.2 HYDROCARBON SHOWS

No hydrocarbon shows were noted in the Codroy Group section from surface to 212 m MD. In the Fischells Conglomerate Member of the Spout Falls Formation from 212 m MD to 229 m MD, light blue flouresence was noted in core and faint flouresence in cuttings. No live oil observed. From 229.0 to 261.1 m, live oil was observed in the cuttings and core. Yellow flouresence was displayed when solvent added. Staining is evenly distributed through the conglomerate matrix. From 261.1 to 269.0, unevenly distributed yellow cut floursence was noted in matrix (< 50% of matrix exhibited staining) and the percentage of staining decreases with increasing depth. No significant oil shows or flouresence from 299.0 to TD. Minor yellow flouresence (< 20 cm continuous thickness)

observed in core at 311 m, 325 m, 329.5 m and 341 m in the Spout Falls Formation. Minor flouresence associated with fractures note in basement below 426.6 m MD.

A full geological striplog is attached for detailed reference in Appendix M.

4.3 GEOLOGIC TOPS

Depth Top	Depth Base	Formation	Predominant Lithology
0	15.2	Quaternary	Till
15.2	65.0	Codroy Road	Gypsum
65.0	205	Codroy Road	Anhydrite. Interbedded with limestone from 144 to 205 m.
205	212	Ship Cove	Limestone
212	277	Spout Falls	Fischells Conglomerate Member. Predominately cobble to pebble conglomerates.
277	393	Spout Falls	Predominately red beds. Alternating siltstone/sandstones interbedded with conglomerates.
393	426	Friars Cove	Grey shales with minor very fine sandstone intervals
426	445	Basement	Felsic to Maffic Gneiss

Table 4-1 – Geologic Tops Summary

5 WELL EVALUATION PROGRAM

5.1 LOGGING PROGRAM

All wireline logging information is attached in Appendix O. For reference a summary of the wireline logs run by BAKER ATLAS is shown below:

Hole Size [mm]	Logging Depth		Services Run	Run #	Date
	Start [m]	Stop [m]			
156	214	443.0	HDIL/ZDL/CN/GR	1	Dec 8, 2012
156	214	437.8	XMAC/GR	2	Dec 8, 2012
156	214	443.0	STAR / CBIL / DRIT / GR	3	Dec 8 & 9, 2012
156	221.0	444.4	MReX / GR	4	Dec 9, 2012
156	33.0	438.0	VSP	5	Dec 9, 2012
156	228.8	418.7	GR/FMT	6	Dec 10, 2012
156	225.9	418.9	GR/FMT	7	Dec 10, 2012

Table 5-1 – Logging Program Summary

5.1.1 Formation Multi-Test

Baker Hughes Formation Multi-Test (FMT) was run on December 10th, 2012. The purpose of this test was to collect a fluid sample and to measure in-situ permeability. In total, 37 tests were done over the course of 2 runs between the intervals 225.9 and 418.2 meters. 17 tests were done in the first run and 20 in the second run. 4 of the tests had no seal, 32 tests were tight (essentially no pressure response), and 1 test was able to measure an acceptable pressure response. This acceptable test occurred during the second run and was taken over the 418.2 m interval and measured a final build up pressure of 4142.3 kPa. No fluid samples were captured in any of the testing.

- Bottom Hole Flowing Pressure: 4142 kPa @ 418.2 mKB. Taking brine pressure at 418.2 mKB is 4400kPa (10.52 kPa/m). The reservoir seems to be about normally pressurized (4142 kPa not being the final stabilized pressure)
- BH Flowing Temperature: 13°C @ 418.2 mKB

5.1.2 Vertical Seismic Profiles

The complete ZVSP Processing report is included in Appendix N.

5.2 Drill Stem Tests

No drill stem tests were completed.

5.3 Formation Flow Testing

Formation flow testing will be planned depending on the results of the stimulation program.

5.4 Formation Stimulation

A potential stimulation program is planned for the well in 2013.

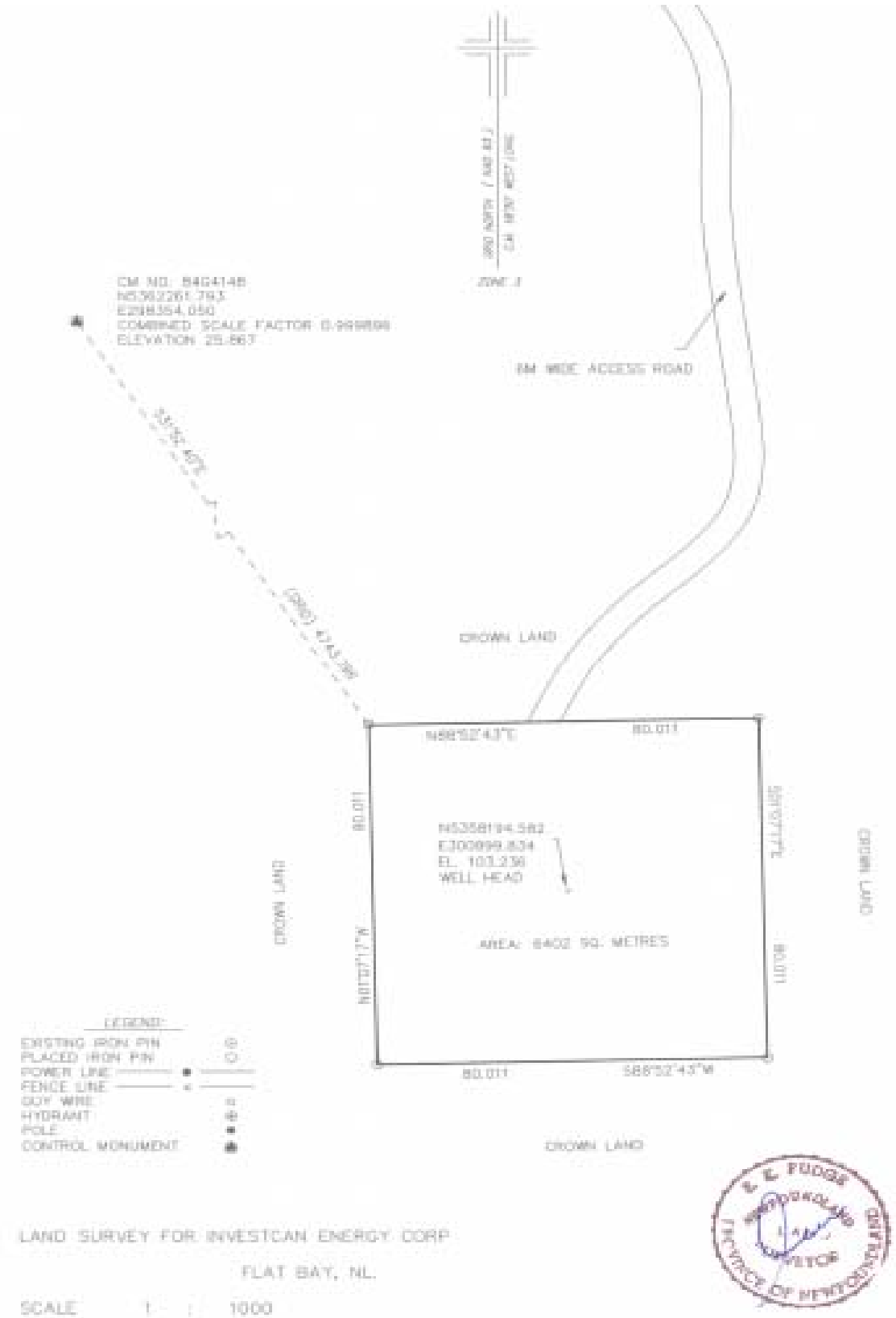
End

APPENDIX A : MAPS & LAYOUTS

Number of pages : *4*

Summary of the content: Several maps and layouts.

- Crown land for Flat Bay project
- Site layout (80m on 80m)
- Rig layout, from Junex Foragaz



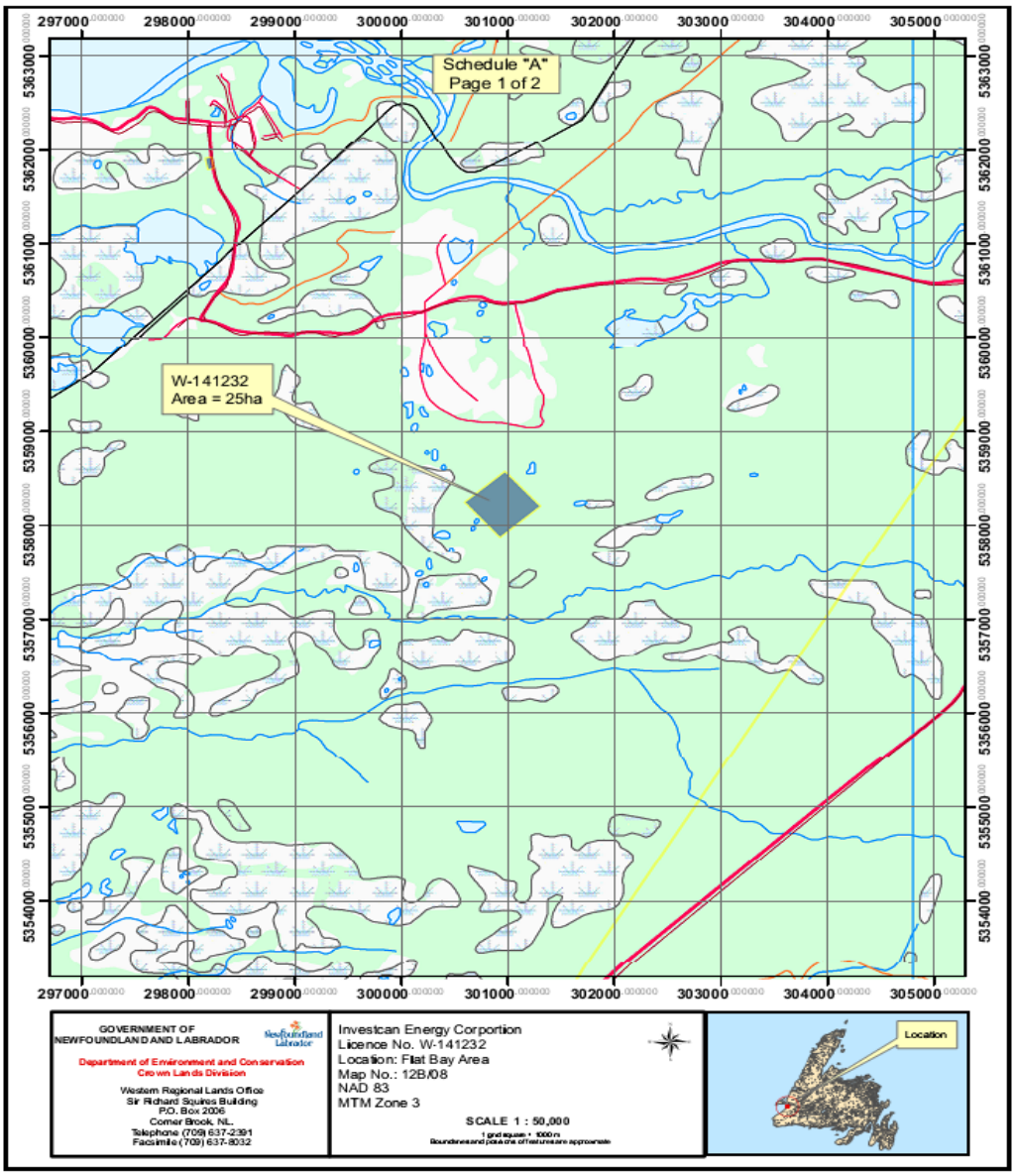
LAND SURVEY FOR INVESTCAN ENERGY CORP

FLAT BAY, NL.

SCALE 1 : 1000

DATE DECEMBER 20th, 2012

DRAWING No. FB-ICAN-3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Page 1 of 2
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298000
299000
300000
301000
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5362000
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5358000
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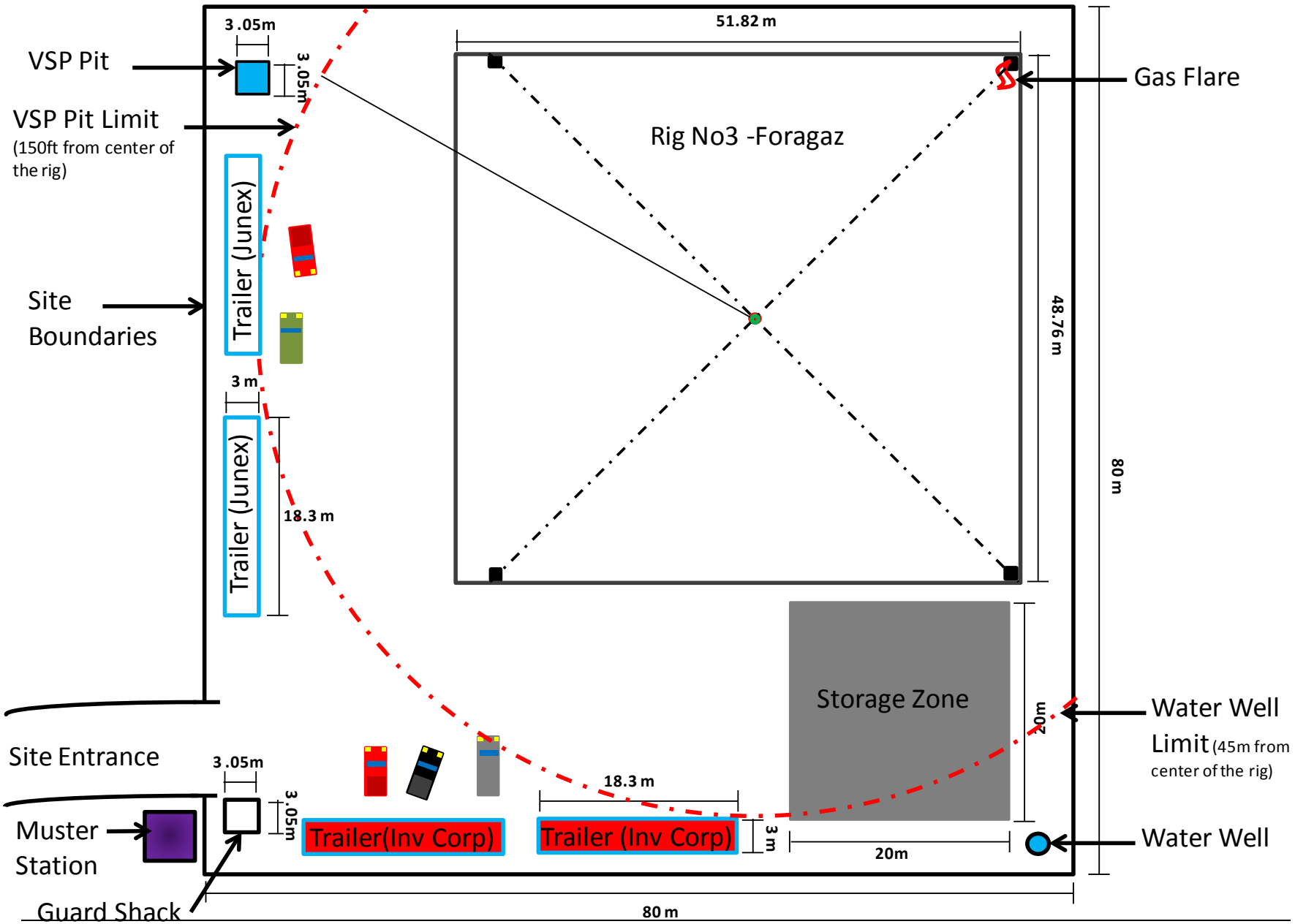
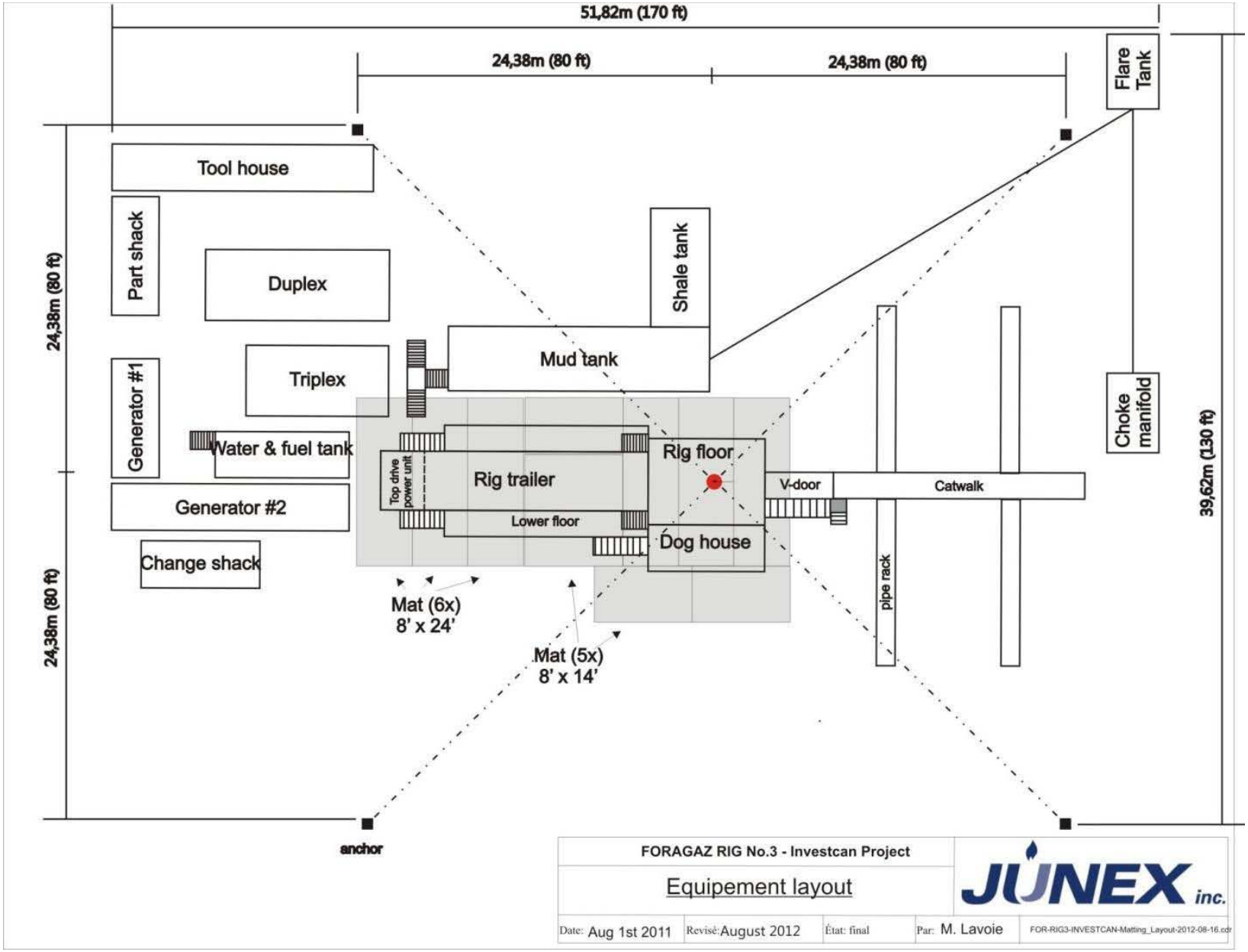
GOVERNMENT OF NEWFOUNDLAND AND LABRADOR
Department of Environment and Conservation
Crown Lands Division
Western Regional Lands Office
Sir Richard Squires Building
P.O. Box 2006
Corner Brook, NL.
Telephone (709) 637-2391
Facsimile (709) 637-8032
Investcan Energy Corportion
Licence No. W-141232
Location: Flat Bay Area
Map No.: 12B/08
NAD 83
MTM Zone 3
SCALE 1 : 50,000
Location


3.05m
3.05m
VSP Pit
VSP Pit Limit
(150ft from center of the rig)
Site Boundaries
Trailer (Junex)
3 m
Trailer (Junex)
18.3 m
51.82 m
Rig No3 -Foragaz
Gas Flare
48.76 m
80 m
Storage Zone
20m
Water Well Limit (45m from center of the rig)
Water Well
Site Entrance
3.05m
3.05m
Muster Station
Guard Shack
Trailer(Inv Corp)
18.3 m
Trailer (Inv Corp)
3 m
20m
80 m


51,82m (170 ft)
24,38m (80 ft)
24,38m (80 ft)
Flare Tank
Tool house
Part shack
Duplex
Shale tank
Mud tank
Triplex
Generator #1
Water & fuel tank
Rig floor
Top drive power unit
Rig trailer
V-door
Catwalk
Choke manifold
Generator #2
Lower floor
Dog house
Change shack
pipe rack
Mat (6x) 8' x 24'
Mat (5x) 8' x 14'
24,38m (80 ft)
24,38m (80 ft)
39,62m (130 ft)
anchor
FORAGAZ RIG No.3 - Investcan Project
Equipement layout
JUNEX inc.
Date: Aug 1st 2011
Revisé: August 2012
État: final
Par: M. Lavoie
FOR-RIG3-INVESTCAN-Matting_Layout-2012-08-16.cdr

APPENDIX B : COPIES OF GOVERNMENT APPROVALS

Number of pages : *2*

Summary of the content: This appendix contains the Government Approvals Required for Gobineau#1.

Newfoundland Labrador

Government of Newfoundland and Labrador
Department of Natural Resources
Energy Branch

AUTHORITY TO DRILL A WELL - APPLICATION

Pursuant to sections 8 and 9 of the *Petroleum and Natural Gas Act (R.S.N.L. 1990, c. P-10)* and in compliance with section 29 of the *Petroleum Drilling Regulations,(CNR 1150/96)* INVESTCAN ENERGY CORPORATION , as operator, hereby applies for Authority to Drill a Well to be known as GOBINEAU #1 using the equipment and procedures described in the well program dated OCTOBER ~~17th~~ 23rd ,20 12

Permit, Licence or Lease to which this Program applies: EP 03-106

Area: BAY ST. GEORGE (WESTERN NEWFOUNDLAND)	**CO-ORDINATES**	
Field/Pool: FLAT BAY (FISHELL'S BROOK)	Long:	**UTM (N A D 27)**
Drilling Rig: FORAGAZ #3		Northing: 5357531.42474211
Rig Type: GUYED TELESCOPIC DOUBLE	Lat:	Easting: 384991.7603522777
Drilling Contractor: FORAGAZ (division of Junex Inc.) 2795, boulevard Laurier, Bureau 200 Québec, QC G1V 4M7 418.654.9661 TEL 418.654.9662 FAX	**ELEVATION** ☐ RT ☒ KB ☐ RF 4 m G.L.: 103.18m	**DEPTH** T.D.: 604m TVD: 604m
ESTIMATES		**TARGET HORIZONS**
Spud Date: 1 November 2012 Well Cost: $3,400,000 Days on Location: 45		Fishell's Brook Conglomerate

EVALUATION PROGRAM

Ten-metre sample intervals: 1 set unwashed cuttings 500g	Conventional cores at: Full Hole Coring of the Reservoir Sec
Five-metre sample intervals: 1 set washed and dried cutting	Logs and Tests: 1-HDIL-DGR-SP-EDL-CN-CAL-SMAC-MREX 2-ZUSP 3-STARDIP IMAGER-DCIBL 4-FMT SINGLE PROPE - 5 RCI DUAL PACKER
Canned sample intervals: 1 sample min per fmt tested	

CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m)	Cementing Program
339.2	81.1	K-55	74m	Drill and Drive (no cement program)
244.45	59.52	J-55	154m	Surface G-Class Slurry 7.9 m3 Density 1895 kg/m3
177.8	34.55	J-55	204m	Production G-Class Slurry 3.6 m3 Density 1180kg/m3

Other Equipment: 4.5 Inch Slottled Liner as a Contingency

The undersigned operator's Representative hereby declares that, to the best of the Representative's knowledge, the information contained herein and in the attached detailed program is true, accurate and complete.

Signed: A. Forcinal A. FORCINAL Date: 23/10/2012

Operator's Representative

AUTHORIZATION

Whereas the Minister of Natural Resources has jurisdiction under the *Petroleum Drilling Regulations*, ("the Regulations").

In accordance with section 32 of the Regulations, the operator named in the Application is authorized to undertake the proposed well program described above subject to the following conditions:

1. This Authorization shall be prominently displayed at the well site at all times during which operations are being conducted;
2. Copies of all logs and well test data shall be submitted to the director by the operator promptly after their aquisition;
3. The operator shall comply with all conditions of the Drilling Program Approval No. 2012-131-01 under which the above well is to be drilled;
4. No change in the well program hereby approved may be made unless it is first approved by the director in writing;
5. This Authorization is conditional on the operator commencing drilling within 120 days of the effective Authorization date; and
6. The operator shall comply with such other conditions as are appended to this Authorization.

Signed: Effective Date: 2012-10-31

Authority to Drill a Well No. 2012-131-01-01

Revised: March, 2008 FRM-63

Newfoundland Labrador

Government of Newfoundland and Labrador
Department of Natural Resources
Energy Branch

DRILLING PROGRAM APPROVAL - APPLICATION

Pursuant to sections 8 and 9 of the *Petroleum and Natural Gas Act(1.)* , INVESTCAN ENERGY CORPORATION

as operator on behalf of INVESTCAN ENERGY CORPORATION , holding a

subsisting licence, permit or lease issued pursuant to the *Petroleum Regulations(2),* namely; EP 03-106

(licence, permit, or lease #)

hereby applies for approval to conduct a drilling program using the drilling rig FORAGAZ #3

and equipment and procedures described in the detailed program dated . ~~SEPTEMBER 29TH 2012~~ OCTOBER 11th, 2012

The undersigned operator's Representative hereby declares that, to the best of the operator's knowledge, the information contained herein and in the attached detailed program is true, accurate and complete.

Signed: _____ Date: 10/10/2012

Operator's Representative

APPROVAL

Pursuant to sections 8 and 9 of the *Petroleum and Natural Gas Act*, the operator named in the Application is hereby authorized to conduct the proposed drilling program subject to the following conditions:

1. This Drilling Program Approval shall, unless otherwise extended or terminated, expire upon the 31 day of October , 20 15

2. This Authorization shall be prominently displayed at the well site at all times during which operations are being conducted;

3. Evidence of financial responsibility, as required pursuant to Section 14 of the *Petroleum Drilling Regulations (3),* shall be provided by the operator to the Minister of Natural Resources;

4. The operator shall use the equipment and procedures described in the detailed program dated OCTOBER 11th, 2012 unless a change in the equipment or procedures is approved in writing by the Director; and

5. The operator shall comply with such other conditions as are appended to this Approval.

Signed: _____ Effective Date: 2012-10-31

Drilling Program Approved No. 2012 – 131 – 01

(1) - (R.S.N.L. 1990, c. P-10)

(2) - CNR 1151/96

(3) - CNR 1150/96

APPENDIX C : DAILY DRILLING REPORTS

Number of pages : *34*

Summary of the content: .Daily Drilling Reports for Gobineau#1

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DAILY DRILLING REPORT N° 1

INVESTCAN Energy Corp

Date : 10/11/2012
Well : Gobineau#1
Rig : Sullivan's Air Drilling Rig
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Cloudy*	mKB	103.18	Daily MD	75	Daily Costs	
Wind	40km/h	mGL	103.18	Total MD	93	Cum Costs	
Temperature	1 degC	24h Avg ROP	10 m/h	Expected MD	150/600	AFE	

Summary of Daily Operations Drilling 311.20m surface hole with Air Drilling Rig (Sullivan), lease excavation ongoing.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	1	IEC	0		
Rig	2	Rig	0		
Others	5	Others	0		
Total	8	Total	0		
Tool Pusher					
Company man	Wade Augot				
Rig Manager					

Hrs since last Medical Treatment Case	24		
Hrs since last Lost Time Incident	24		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0		
Safety Meetings @ 7:30 @	@		
Topics: equipment moving around location			
drilling rig operation			

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Top of anhydrite @ 65mGL

SHOWS : None

From [Hr]	To [Hr]	Depth [m]	Operation description
7:30	10:00	15.8	Hold TBT with crew, service and start equipment. Sullivans weld 26'of 10 3/4" stablizer to DP as per program.
10:00	10:30	22.8	Tag cement @ 6m. Commence drilling cement from 6m to 15.8m with 0.5MT WOB (60RPM). Drill 311mm rat hole from 15.8m to 22.8m clean hole with rig air.
10:30	14:15	75	Commence to spud well and drill ahead from rom 22.8mm to 75m w/0.5MT WOB with 60RPM, clean hole with rig air.
14:15	17:00	75	Weld on diverter flange to 13 3/8" conductor, install diverter and bolt down, weld on 6" nipple to diverter and rig in diverter line to flare tank.
17:00	18:45	90	Continue to drill ahead 311mm hole section to 90m w/0.5MT WOB with 60RPM, clean hole with rig air and 2 gal foam/H2O pill. At 90m encountered H2O indicated drilling into H2O source.
18:45	19:15	93	While drilling observe a drastic reduction in ROP's. Upon investigation, this ROP reduction was due to an increase in pressure created from the H2O and air being bottle necked at 3" diverter outlet. This backpressure reduces the hammer bit's hitting force.
19:15	20:00	93	With the reduced ROPs and inability to effiently clean the hole, decsion was made to POOH from 93m to 15m with DP.
20:00	20:15	93	Secure well and equipment shut down for night.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU BOPs		Directional Survey		Cementing	
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping	
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	
Cond		Run Casing		Handle		FIT			

24 HOURS FORECAST

Bring storage facilities on site to handle water and drill ahead to 150m. Finish off lease and prepare Foragaz#3 Rig Up.

Date : 10/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384991.76 NAD 27 5357531.42

DRILLING MUD

Fluid type		Solids	[%]
Mud Co		Sands	[ppm]
Time Check		OWR	[%]
Mud Man		MBT	[kg/m^3]
		Cl-	[mg/L]
Density	[kg/m^3]	Salt	[mg/L]
Viscosity	[s/l]		
P.V.	[cp]		
Y.P.	[g/100cm^2]		
Gels 10"/10'			
Temperature			
Pressure			
pH			

Volumes Balance

Vol hauled	[m^3]
Vol dumped	[m^3]
Circ loss	[m^3]
Boiler loss	[m^3]
Daily Mud Cost	
Cum Mud Cost	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N° **Component**	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

HYDRAULICS

Pump		
Make&Model		
Liner x Stack		-
SPM		-
Litre/Sk 100%		-
Circ Rate		[m^3/min]
Pump Eff		[%]
Pump Press		[kPa]
Drillpipe AV		[mm]
Drill Collar AV		[mm]

Circuit

Mud Cycle	[min]
Bottom Up	[min]
Mud Tank	[m^3]
Hole Volume	[m^3]
System Vol.	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter		
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		N°
Size		[mm]
Mfg		-
Type		-
Serial		-
Nozzle		[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite				
poly Plus				
poly Pac				
Barite				
Cement G				
Soda Ash				
Brine				
Fuel				
Pot Water				
Drill Water				

CASING / CEMENTING PROGRAM

Last Casing		***Last Casing***	
Date		Date	
grade	-	grade	-
diam	[mm]	diam	[mm]
Lin Weight	[kg/m]	Lin Weight	[kg/m]
Nb Joint	-	Nb Joint	-
Set at	[m]	Set at	[m]
Length	[m]	Length	[m]
Burst	[kPa]	Burst	[kPa]
Collapse	[kPa]	Collapse	[kPa]
Tensile	[daN]	Tensile	[daN]
TEST		TEST	
Date		Date	
Pressure	[kPa]	Pressure	[kPa]
Last Cement		***Last Cement***	
Date		Date	
Class		Class	
Density	[kg/m^3]	Density	[kg/m^3]
Volume	[m^3]	Volume	[m^3]
Time to GL	[min]	Time to GL	[min]
Addittives		Addittives	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make		
Serial		
Size OD		[mm]
Size ID		[mm]
Pressure		[kPa]

INVESTCAN Energy Corp

DAILY DRILLING REPORT N° 2

Date : 11/11/2012
Well : Gobineau#1
Rig : Sullivan's Air Drilling Rig
Coord: 384992
NAD 27 5357531

Spud : 10/11/2011

Weather @ 8:00	*Cloudy snow*	mKB	103.18	Daily MD	3	Daily Costs	
Wind	40-50km/h	mGL	103.18	Total MD	96	Cum Costs	
Temperature	1 degC	24h Avg ROP	6 m/h	Expected MD	150/600	AFE	

Summary of Daily Operations Rig up degasser flare pit. Drilling 311mm surface hole, lease excavation/contruction ongoing.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	2	IEC	0		
Rig	2	Rig	0		
Others	10	Others	0		
Total	14	Total	0		
Tool Pusher	Greg McKinnin				
Company man	Wade Augot				
Rig Manager					

Hrs since last Medical Treatment Case	48		
Hrs since last Lost Time Incident	48		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0		
Safety Meetings	@ 7:30	@	@
Topics:	Congestion on location and lease road		
	Sulivans drilling R/D and simutanious ops		
	with construction and R/U Foragaz Rig		

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
8:00	13:15	93	Hold TBT with crew, service and start equipment. Sullivans modify degasser and rig flare tank to accommodate 6" flare line, weld 6 jts 6" flare line from wellhead to flare tank. Meanwhile continue to ecavate and construct lease.
13:15	14:15	93	RIH with 12 1/4" hammer bit to 93m. Break circulation and return 4m3 to flare tank, empty tank and attempt to drill.
14:15	17:00	93	Await 400bbl tank and rig mats Meanwhile continue to excavate and construct lease.
17:00	20:00	93	Rig in rig mats and rig in 400bbl tank. Modify plumbing to reduce back pressure bottleneck at Flare stack. Rig in 2 sump pumps to 400bbl tank.
20:00	20:30	96	Break circulation and commence to drill ahead from 93m to 96m with 0.5MT WOB, 6m/hr ROPs, using maximum drilling air 350psi. Due to the drill bit across the fracture the water inflow diabled the effectiveness of the hammer bit. 400bbl tank filled in 20min.
20:30	20:45	96	POOH 30m, secure well and shut down for night. Meanwhile construction crew continue to haul fill from stockpile to location.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling	
Rig Move	12	Rig Repair		NU BOPs		Directional Survey		Cementing	
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping	
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**12**
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	**0**
Cond		Run Casing		Handle		FIT			

24 HOURS FORECAST

We are awaiting results from the H2O sample analysis which will determine weather or not we will continue with Sullivan's water rig. Moving forward with Sullivan's we will use a larger storage facility to hold the fluid. Consideration is also being given to release Sullivan's drilling rig and commence R/U Foragaz Rig#3.

Date : 11/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384991.76 NAD 27 5357531.42

DRILLING MUD

Fluid type		Solids	[%]
Mud Co		Sands	[ppm]
Time Check		OWR	[%]
Mud Man		MBT	[kg/m^3]
		Cl-	[mg/L]
Density	[kg/m^3]	Salt	[mg/L]
Viscosity	[s/l]		
P.V.	[cp]		
Y.P.	[g/100cm^2]		
Gels 10"/10'			
Temperature			
Pressure			
pH			

Volumes Balance

Vol hauled	[m^3]
Vol dumped	[m^3]
Circ loss	[m^3]
Boiler loss	[m^3]
Daily Mud Cost	
Cum Mud Cost	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	12 1/4" hammer drill					
2	8.3m 10 3/4" stabilizer					
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump		
Make&Model		
Liner x Stack		-
SPM		-
Litre/Sk 100%		-
Circ Rate		[m^3/min]
Pump Eff		[%]
Pump Press		[kPa]
Drillpipe AV		[mm]
Drill Collar AV		[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m^3]
Hole Volume		[m^3]
System Vol.		[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter		
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		N°
Size		[mm]
Mfg		-
Type		-
Serial		-
Nozzle		[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite				
poly Plus				
poly Pac				
Barite				
Cement G				
Soda Ash				
Brine				
Fuel				
Pot Water				
Drill Water				

CASING / CEMENTING PROGRAM

Last Casing		***Last Casing***	
Date		Date	
grade	-	grade	-
diam	[mm]	diam	[mm]
Lin Weight	[kg/m]	Lin Weight	[kg/m]
Nb Joint	-	Nb Joint	-
Set at	[m]	Set at	[m]
Length	[m]	Length	[m]
Burst	[kPa]	Burst	[kPa]
Collapse	[kPa]	Collapse	[kPa]
Tensile	[daN]	Tensile	[daN]
TEST		TEST	
Date		Date	
Pressure	[kPa]	Pressure	[kPa]
Last Cement		***Last Cement***	
Date		Date	
Class		Class	
Density	[kg/m^3]	Density	[kg/m^3]
Volume	[m^3]	Volume	[m^3]
Time to GL	[min]	Time to GL	[min]
Addittives		Addittives	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make		
Serial		
Size OD		[mm]
Size ID		[mm]
Pressure		[kPa]

DAILY DRILLING REPORT N° 3

INVESTCAN Energy Corp

Date : 12/11/2012
Well : Gobineau#1
Rig : Sullivan's Air Drilling Rig
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Overcast*	mKB	103.18	Daily MD	0	Daily Costs	
Wind	10km/h	mGL	103.18	Total MD	96	Cum Costs	
Temperature	3 degC	24h Avg ROP	0 m/h	Expected MD	150/600	AFE	

Summary of Daily Operations R/D Air Drilling Rig. Prepare location and start R/U Foragaz Rig#3.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	2	IEC	0		
Rig	8	Rig	0		
Others	15	Others	0		
Total	25	Total	0		
Tool Pusher	Greg McKinnin				
Company man	Wade Augot				
Rig Manager					

Hrs since last Medical Treatment Case	72		
Hrs since last Lost Time Incident	72		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0		
Safety Meetings	@ 7:30	@	@
Topics:	Congestion on location and lease road		
	Sulivans drilling R/D and simultaneous ops with construction and R/U Foragaz Rig		

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
8:00		96	Hold TBT with crew, services and start equipment. Hold morning call and make decision to rig out and release Sullivans Drilling due to rig limitations exceeded (no circulation). Sulivans commence rig out and prepare to drill monitoring wells. Meanwhile continue to haul pit run fill to location and backblade lease in preparation to rig up
	15:00	96	Foragaz Rig#3. Crews load up truck with Foragaz Rig#3 equipment and prioritize to reduce road congestion
15:00	18:00	96	Install well cellar and fill in wellhead. Commence rig up Foragaz Rig#3 as per rig crew procedures. Foragaz perform transit survey to ensure lease is level for rig as per Foragaz procedures. Spot rig mats and Rig Sub structure. S/D for night.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling			
Rig Move	3	Rig Repair		NU BOPs		Directional Survey		Cementing			
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping			
Coring		Survey		Drill Out		Lost Circulation					
Reaming		Logging		DST		BOP Drill		**TOTAL**	**3**		
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	**0**		
Cond		Run Casing		Handle		FIT					

24 HOURS FORECAST

Continue R/U Foragaz Rig#3

Date : 12/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384991.76 NAD 27 5357531.42

DRILLING MUD

Fluid type			Solids		[%]
Mud Co			Sands		[ppm]
Time Check			OWR		[%]
Mud Man			MBT		[kg/m^3]
			Cl-		[mg/L]
Density		[kg/m^3]	Salt		[mg/L]
Viscosity		[s/l]			
P.V.		[cp]			
Y.P.		[g/100cm^2]			
Gels 10"/10'					
Temperature					
Pressure					
pH					

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost		
Cum Mud Cost		

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N° **Component**	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

HYDRAULICS

Pump			
Make&Model			
Liner x Stack			-
SPM			-
Litre/Sk 100%			-
Circ Rate			[m^3/min]
Pump Eff			[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m^3]
Hole Volume		[m^3]
System Vol.		[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter		
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		**N°**
Size		[mm]
Mfg		-
Type		-
Serial		-
Nozzle		[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite				
poly Plus				
poly Pac				
Barite				
Cement G				
Soda Ash				
Brine				
Fuel				
Pot Water				
Drill Water				

CASING / CEMENTING PROGRAM

Last Casing		***Last Casing***	
Date		Date	
grade	-	grade	-
diam	[mm]	diam	[mm]
Lin Weight	[kg/m]	Lin Weight	[kg/m]
Nb Joint	-	Nb Joint	-
Set at	[m]	Set at	[m]
Length	[m]	Length	[m]
Burst	[kPa]	Burst	[kPa]
Collapse	[kPa]	Collapse	[kPa]
Tensile	[daN]	Tensile	[daN]
TEST		TEST	
Date		Date	
Pressure	[kPa]	Pressure	[kPa]
Last Cement		***Last Cement***	
Date		Date	
Class		Class	
Density	[kg/m^3]	Density	[kg/m^3]
Volume	[m^3]	Volume	[m^3]
Time to GL	[min]	Time to GL	[min]
Addittives		Addittives	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make		
Serial		
Size OD		[mm]
Size ID		[mm]
Pressure		[kPa]

DAILY DRILLING REPORT N° 4

INVESTCAN Energy Corp

Date : 13/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Sunny*	mKB	107.5	Daily MD	0	Daily Costs	
Wind	5km/h	mGL	103.18	Total MD	100.3	Cum Costs	
Temperature	15 degC	24h Avg ROP	0 m/h	Expected MD	155/600	AFE	

Summary of Daily Operations R/U of Foragaz Rig#3, drill Monitoring Well#1

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	2	IEC	0		
Rig	8	Rig	0		
Others	15	Others	0		
Total	25	Total	0		
Tool Pusher	Greg McKinnin				
Company man	Wade Augot				
Rig Manager					

Hrs since last Medical Treatment Case	96		
Hrs since last Lost Time Incident	96		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0		

Safety Meetings @ 7:30 @ _____ @ _____

Topics: heavy traffic area onsite, simultaneous ops
discussed pinch points with heavy lift ops

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
6:45	7:00	100.3	Hold TBT with all personel prior to rig up operations.
7:00		100.3	Start rig up of Foragaz rig #3, as per procedures. Finished rigging up substructure and prepare sub for draw works installation.
			Rigged up matting for mud tanks and doghouse. Installed rotary table, layed out matting for MP's #1 and #2.
	14:00		Backed in draw works and rig up and hydraulic control lines.
14:00		100.3	Spotted MP #1 rigged in suction and discharge lines. Utilize picker truck to continue to haul in rigs railings and walkways.
	20:00		Spot crown stand and prepare to install install derrick. Spotted MP#2 and installed piping. Shut down for night.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description

RIG TIME (operation duration in hours)

RU / TD	9	Rig Maintenance		WOC		Well Control		Drilling			
Rig Move	4	Rig Repair		NU BOPs		Directional Survey		Cementing			
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping			
Coring		Survey		Drill Out		Lost Circulation					
Reaming		Logging		DST		BOP Drill		**TOTAL**	**13**		
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	**0**		
Cond		Run Casing		Handle		FIT					

24 HOURS FORECAST

Continue R/U Foragaz Rig#3 as per Foragaz procedures, meanhile install berm around lease parameters and finish Southwest corner of lease

Date : 13/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type		Solids	[%]
Mud Co		Sands	[ppm]
Time Check		OWR	[%]
Mud Man		MBT	[kg/m^3]
		Cl-	[mg/L]
Density	[kg/m^3]	Salt	[mg/L]
Viscosity	[s/l]		
P.V.	[cp]		
Y.P.	[g/100cm^2]		
Gels 10"/10'			
Temperature			
Pressure			
pH			

Volumes Balance

Vol hauled	[m^3]
Vol dumped	[m^3]
Circ loss	[m^3]
Boiler loss	[m^3]
Daily Mud Cost	
Cum Mud Cost	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N° **Component**	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

HYDRAULICS

Pump		
Make&Model		
Liner x Stack		-
SPM		-
Litre/Sk 100%		-
Circ Rate		[m^3/min]
Pump Eff		[%]
Pump Press		[kPa]
Drillpipe AV		[mm]
Drill Collar AV		[mm]

Circuit

Mud Cycle	[min]
Bottom Up	[min]
Mud Tank	[m^3]
Hole Volume	[m^3]
System Vol.	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter		
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		**N°**
Size		[mm]
Mfg		-
Type		-
Serial		-
Nozzle		[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite				
poly Plus				
poly Pac				
Barite				
Cement G				
Soda Ash				
Brine				
Fuel				
Pot Water				
Drill Water				

CASING / CEMENTING PROGRAM

Last Casing		***Last Casing***	
Date		Date	
grade	-	grade	-
diam	[mm]	diam	[mm]
Lin Weight	[kg/m]	Lin Weight	[kg/m]
Nb Joint	-	Nb Joint	-
Set at	[m]	Set at	[m]
Length	[m]	Length	[m]
Burst	[kPa]	Burst	[kPa]
Collapse	[kPa]	Collapse	[kPa]
Tensile	[daN]	Tensile	[daN]
TEST		TEST	
Date		Date	
Pressure	[kPa]	Pressure	[kPa]
Last Cement		***Last Cement***	
Date		Date	
Class		Class	
Density	[kg/m^3]	Density	[kg/m^3]
Volume	[m^3]	Volume	[m^3]
Time to GL	[min]	Time to GL	[min]
Addittives		Addittives	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make		
Serial		
Size OD		[mm]
Size ID		[mm]
Pressure		[kPa]

DAILY DRILLING REPORT N° 5

INVESTCAN Energy Corp

Date : 14/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Rain/Cloud*	mKB	107.5	Daily MD	0	Daily Costs	
Wind	5km/h	mGL	103.18	Total MD	100.3	Cum Costs	
Temperature	5 degC	24h Avg ROP	0 m/h	Expected MD	155/600	AFE	

Summary of Daily Operations Prepare to raise derrick, finish most construction work, VSP pit, drill Monitoring Well#2 and confirm location for MW#3.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	2	IEC	0		
Rig	8	Rig	0		
Others	12	Others	0		
Total	22	Total	0		
Tool Pusher	Greg McKinnin				
Company man	Wade Augot				
Rig Manager					

Hrs since last Medical Treatment Case	120		
Hrs since last Lost Time Incident	120		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0		
Safety Meetings @	7:30	@	@

Topics: heavy traffic area onsite, simultaneous ops; discussed pinch points w/ heavy lift ops; use of taglines

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
6:45	7:00	100.3	Service and start equipment. Hold TBT with all personel on location.
7:00			Continue to rig in Foragaz Rig#3 , utilitising 40MT at lease road and 60MT on location to minimize crane travel time.
			Load derrick and travel to location meanwhile
	9:30	100.3	Install derrick beam and derrick lift cylinders on sub structure.
			Position crown stand and Install hand rails and walkways around sub structure.
9:30	10:30	100.3	Spot derrick and install rigging. Lift derrick position in place and install derrick pins and prepare derrick for hoisting.
10:30	12:00		Continue to load heavy lifts and travel to location.
12:00		100.3	Rig down Crane Tech Services and release, continue to load boiler, fresh water tank and warehouse to location with picker truck and flat deck trailor.
			Continue to Rig up Foragaz Rig #3 as per procedures, meanwhile continue lease construction.
	19:00		Shut down for night.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description

RIG TIME (operation duration in hours)

RU / TD	12	Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU BOPs		Directional Survey		Cementing	
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping	
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**12**
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	**0**
Cond		Run Casing		Handle		FIT			

24 HOURS FORECAST

Continue R/U Foragaz Rig#3 as per Foragaz procedures, finish construction onsite, install Rig anchors, receive wellsite trailors.

Date : 14/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type		Solids	[%]
Mud Co		Sands	[ppm]
Time Check		OWR	[%]
Mud Man		MBT	[kg/m^3]
		Cl-	[mg/L]
Density	[kg/m^3]	Salt	[mg/L]
Viscosity	[s/l]		
P.V.	[cp]		
Y.P.	[g/100cm^2]		
Gels 10"/10'			
Temperature			
Pressure			
pH			

Volumes Balance

Vol hauled	[m^3]
Vol dumped	[m^3]
Circ loss	[m^3]
Boiler loss	[m^3]
Daily Mud Cost	
Cum Mud Cost	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N° **Component**	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

HYDRAULICS

Pump		
Make&Model		
Liner x Stack		-
SPM		-
Litre/Sk 100%		-
Circ Rate		[m^3/min]
Pump Eff		[%]
Pump Press		[kPa]
Drillpipe AV		[mm]
Drill Collar AV		[mm]

Circuit

Mud Cycle	[min]
Bottom Up	[min]
Mud Tank	[m^3]
Hole Volume	[m^3]
System Vol.	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203mm	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		**N°**
Size		[mm]
Mfg		-
Type		-
Serial		-
Nozzle		[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite				
poly Plus				
poly Pac				
Barite				
Cement G				
Soda Ash				
Brine				
Fuel				
Pot Water				
Drill Water				

CASING / CEMENTING PROGRAM

Last Casing		***Last Casing***	
Date		Date	
grade	-	grade	-
diam	[mm]	diam	[mm]
Lin Weight	[kg/m]	Lin Weight	[kg/m]
Nb Joint	-	Nb Joint	-
Set at	[m]	Set at	[m]
Length	[m]	Length	[m]
Burst	[kPa]	Burst	[kPa]
Collapse	[kPa]	Collapse	[kPa]
Tensile	[daN]	Tensile	[daN]
TEST		TEST	
Date		Date	
Pressure	[kPa]	Pressure	[kPa]
Last Cement		***Last Cement***	
Date		Date	
Class		Class	
Density	[kg/m^3]	Density	[kg/m^3]
Volume	[m^3]	Volume	[m^3]
Time to GL	[min]	Time to GL	[min]
Addittives		Addittives	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make		
Serial		
Size OD		[mm]
Size ID		[mm]
Pressure		[kPa]

DAILY DRILLING REPORT N° 6

INVESTCAN Energy Corp

Date : 15/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Rain/Cloud*	mKB	107.5	Daily MD	0	Daily Costs	
Wind	10km/h	mGL	103.18	Total MD	100.3	Cum Costs	
Temperature	3 degC	24h Avg ROP	0 m/h	Expected MD	155/600	AFE	

Summary of Daily Operations Finish transporting Foragaz #3 rig to location and continue to rig up as per procedures.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	2	IEC	0		
Rig	12	Rig	0		
Others	4	Others	0		
Total	18	Total	0		
Tool Pusher	Greg McKinnin				
Company man	Wade Augot				
Rig Manager					

Hrs since last Medical Treatment Case	144		
Hrs since last Lost Time Incident	144		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0		
Safety Meetings @	7:30	@	@
Topics:	Pinch points, fall protection, use of hammer		
	PPE Overhead Loads		

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
6:45	7:00	100.3	Service and start equipment. Hold TBT with all personel on location.
7:00		100.3	Crew plumbed in fuel line to draw works, service and start.
			Transported catwalk 2 X pipe racks and V door to location and rig up. Transport DP and DC's to location.
			Spotted manifold and bolted together.
			Spotted degasser pit, gen set, spare warehouse change shack and 40ft Sea can container.
			Travel security trailor to location.
	13:00		Electricians survey workscope and start working on 400Kw genset. Run wiring and connect gen set to electrical panel.
13:00			Moved 2 wellsite trailors to location and spotted. Perform MPI on rig traveling block. Hoist blocks in place and string up.
	19:00	100.3	Shut down for night.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description

RIG TIME (operation duration in hours)

RU / TD	12	Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU BOPs		Directional Survey		Cementing	
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping	
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**12**
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	**0**
Cond		Run Casing		Handle		FIT			

24 HOURS FORECAST

Continue R/U Foragaz Rig#3 as per Foragaz procedures. Install rig anchors and finish electrical work

Date : 15/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type			Solids		[%]
Mud Co			Sands		[ppm]
Time Check			OWR		[%]
Mud Man			MBT		[kg/m^3]
			Cl-		[mg/L]
Density		[kg/m^3]	Salt		[mg/L]
Viscosity		[s/l]			
P.V.		[cp]			
Y.P.		[g/100cm^2]			
Gels 10"/10'					
Temperature					
Pressure					
pH					

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost		
Cum Mud Cost		

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N° **Component**	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

HYDRAULICS

Pump			
Make&Model			
Liner x Stack			-
SPM			-
Litre/Sk 100%			-
Circ Rate			[m^3/min]
Pump Eff			[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit		
	Mud Cycle	[min]
	Bottom Up	[min]
	Mud Tank	[m^3]
	Hole Volume	[m^3]
	System Vol.	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203mm	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		N°
Size		[mm]
Mfg		-
Type		-
Serial		-
Nozzle		[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite				
poly Plus				
poly Pac				
Barite				
Cement G				
Soda Ash				
Brine				
Fuel				
Pot Water				
Drill Water				

CASING / CEMENTING PROGRAM

Last Casing		***Last Casing***	
Date		Date	
grade	-	grade	-
diam	[mm]	diam	[mm]
Lin Weight	[kg/m]	Lin Weight	[kg/m]
Nb Joint	-	Nb Joint	-
Set at	[m]	Set at	[m]
Length	[m]	Length	[m]
Burst	[kPa]	Burst	[kPa]
Collapse	[kPa]	Collapse	[kPa]
Tensile	[daN]	Tensile	[daN]
TEST		TEST	
Date		Date	
Pressure	[kPa]	Pressure	[kPa]
Last Cement		***Last Cement***	
Date		Date	
Class		Class	
Density	[kg/m^3]	Density	[kg/m^3]
Volume	[m^3]	Volume	[m^3]
Time to GL	[min]	Time to GL	[min]
Addittives		Addittives	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make		
Serial		
Size OD		[mm]
Size ID		[mm]
Pressure		[kPa]

DAILY DRILLING REPORT N° 7

INVESTCAN Energy Corp

Date : 16/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Cloudy*	mKB	107.5	Daily MD	0	Daily Costs	
Wind	10km/h	mGL	103.18	Total MD	100.3	Cum Costs	
Temperature	3 degC	24h Avg ROP	0 m/h	Expected MD	155/600	AFE	

Summary of Daily Operations Install rig anchors, stand Foragaz rig and continue R/U operations. Finish electrical work

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	2	IEC	0		
Rig	12	Rig	0		
Others	5	Others	0		
Total	19	Total	0		
Tool Pusher	Greg McKinnin				
Company man	Wade Augot				
Rig Manager					

Hrs since last Medical Treatment Case	168		
Hrs since last Lost Time Incident	168		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0		

Safety Meetings @ 7:30 @ @

Topics: Pinch points, fall protection, use of hammer
PPE Overhead Loads

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
6:45	7:00	100.3	Service and start equipment, hold TBT with crew.
7:00		100.3	Continue to rig in Foragaz Rig # 3 as per procedures. Attempt to scope top section, observe derrick unable to raise.
			Install rig anchors, spot and rig in top drive power plant, rig in hydraulic and air lines to rig carrier.
			Fault find leaks in air manifold and repair as required. Power up light plant function test, all working OK.
			Prepare guy wires and derrick lines, jackknife rig and prepare to scope out top section.
			Upon raising top section observe hydraulic system required to have air bled from system.
	16:00		Fault find derrick, lubricate inner derrick section and attempt to raise, no go.
16:00		100.3	Shift position on main derrick cylinders and attemt to raise derrick, derrick was able to hoist.
			Secure derrick locking pins and lower top section on pins, install guide lines.
			Meanwhile, rig in third trailor onto location, electricians finish wiring in panel to power trailors,
			EDR service hand commence rig up of system monitors and cable.
	19:00	100.3	Spot 400bbls tank on location, commence install sewage and pipework for onsite trailors. Shut down for night.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description

RIG TIME (operation duration in hours)

RU / TD	12	Rig Maintenance		WOC		Well Control		Drilling			
Rig Move		Rig Repair		NU BOPs		Directional Survey		Cementing			
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping			
Coring		Survey		Drill Out		Lost Circulation					
Reaming		Logging		DST		BOP Drill		**TOTAL**	**12**		
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	**0**		
Cond		Run Casing		Handle		FIT					

24 HOURS FORECAST

Continue R/U Foragaz Rig#3 as per Foragaz procedures. Installation of Top Drive and diverter. Installation of EDR system.

Date : 16/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type		Solids	[%]
Mud Co		Sands	[ppm]
Time Check		OWR	[%]
Mud Man		MBT	[kg/m^3]
		Cl-	[mg/L]
Density	[kg/m^3]	Salt	[mg/L]
Viscosity	[s/l]		
P.V.	[cp]		
Y.P.	[g/100cm^2]		
Gels 10"/10'			
Temperature			
Pressure			
pH			

Volumes Balance

Vol hauled	[m^3]
Vol dumped	[m^3]
Circ loss	[m^3]
Boiler loss	[m^3]
Daily Mud Cost	
Cum Mud Cost	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N° **Component**	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

HYDRAULICS

Pump		
Make&Model		
Liner x Stack		-
SPM		-
Litre/Sk 100%		-
Circ Rate		[m^3/min]
Pump Eff		[%]
Pump Press		[kPa]
Drillpipe AV		[mm]
Drill Collar AV		[mm]

Circuit

Mud Cycle	[min]
Bottom Up	[min]
Mud Tank	[m^3]
Hole Volume	[m^3]
System Vol.	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203mm	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		N°
Size		[mm]
Mfg		-
Type		-
Serial		-
Nozzle		[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite				
poly Plus				
poly Pac				
Barite				
Cement G				
Soda Ash				
Brine				
Fuel				
Pot Water				
Drill Water				

CASING / CEMENTING PROGRAM

Last Casing		***Last Casing***	
Date		Date	
grade	-	grade	-
diam	[mm]	diam	[mm]
Lin Weight	[kg/m]	Lin Weight	[kg/m]
Nb Joint	-	Nb Joint	-
Set at	[m]	Set at	[m]
Length	[m]	Length	[m]
Burst	[kPa]	Burst	[kPa]
Collapse	[kPa]	Collapse	[kPa]
Tensile	[daN]	Tensile	[daN]
TEST		TEST	
Date		Date	
Pressure	[kPa]	Pressure	[kPa]
Last Cement		***Last Cement***	
Date		Date	
Class		Class	
Density	[kg/m^3]	Density	[kg/m^3]
Volume	[m^3]	Volume	[m^3]
Time to GL	[min]	Time to GL	[min]
Addittives		Addittives	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make		
Serial		
Size OD		[mm]
Size ID		[mm]
Pressure		[kPa]

INVESTCAN Energy Corp

DAILY DRILLING REPORT N° 8

Date : 17/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Cloudy*	mKB	107.5	Daily MD	0	Daily Costs	
Wind	10km/h	mGL	103.18	Total MD	100.3	Cum Costs	
Temperature	3 degC	24h Avg ROP	0 m/h	Expected MD	155/600	AFE	

Summary of Daily Operations Prepare Foragaz Rig#3 for CAODC inspection, prepare diverter for drilling surface hole

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	2	IEC	0		
Rig	6	Rig	0		
Others	5	Others	0		
Total	13	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager					

Hrs since last Medical Treatment Case	192		
Hrs since last Lost Time Incident	192		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0		
Safety Meetings @ 7:30 @		@	
Topics: Pinch points, fall protection, use of hammer			
PPE Overhead Loads			

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
6:45	7:00	100.3	Service and start equipment, hold TBT with crew.
7:00	18:00	100.3	Continue to rig in Foragaz Rig #3 as per procedures. Rigged in derrick lighting, Rigged up top drive and slide, finished instlling standpipe, made up kelly cock assembly, install monkey board guide lines, continue to rig in NOV EDR system. Rig up lighting and plumbing to well site trailors, Service wellsite trailors for inspection.
18:00	19:00		Install diverter line from diverter tank to wellhead, backblade location, ensure signage placed on location and designated areas identified.
19:00			Spotted shale bin, offloaded mud product to designated area. Prepare diverter flange and measure up piping required for diverter system
	0:00	100.3	Performed pre inspection and itemize any defenciencies.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	6:00	100.3	M/U bit and stablizer, welder start welding on diverter line, rig in boiler, Perform regular preventive maintenance and check fuel levels.

RIG TIME (operation duration in hours)

RU / TD	22	Rig Maintenance	1	WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU diverter	1	Directional Survey		Cementing	
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping	
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	24
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	0
Cond		Run Casing		Handle		FIT			

24 HOURS FORECAST

Perform CAODC inspection, pulling test on anchors, M/U BHA RIH to drill out 311mm hole section.

Date : 17/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** NAD 27 384992 5357531

DRILLING MUD

Fluid type		Solids	[%]
Mud Co		Sands	[ppm]
Time Check		OWR	[%]
Mud Man		MBT	[kg/m^3]
		Cl-	[mg/L]
Density	[kg/m^3]	Salt	[mg/L]
Viscosity	[s/l]		
P.V.	[cp]		
Y.P.	[g/100cm^2]		
Gels 10"/10'			
Temperature			
Pressure			
pH			

Volumes Balance

Vol hauled	[m^3]
Vol dumped	[m^3]
Circ loss	[m^3]
Boiler loss	[m^3]
Daily Mud Cost	
Cum Mud Cost	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N° **Component**	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

HYDRAULICS

Pump		
Make&Model		
Liner x Stack		-
SPM		-
Litre/Sk 100%		-
Circ Rate		[m^3/min]
Pump Eff		[%]
Pump Press		[kPa]
Drillpipe AV		[mm]
Drill Collar AV		[mm]

Circuit

Mud Cycle	[min]
Bottom Up	[min]
Mud Tank	[m^3]
Hole Volume	[m^3]
System Vol.	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203mm	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		N°
Size		[mm]
Mfg		-
Type		-
Serial		-
Nozzle		[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96			sacs
BARACARB 5	250			sacs
BAROSEAL MED	120			sacs
BARABUF	20			sacs
GYPSUM	20			sacs
BICARB OF SODA	16			sacs
N VIS P PLUS	15			sacs
CELLOSIZE	80			sacs
SALT COLORED	210			sacs
Fuel	9594			liters
Drill Water	50			[m^3]
Brine	34			[m^3]
XL DEFOAM	16			5gal pails
Pot Water	3000			liters

CASING / CEMENTING PROGRAM

Last Casing		***Last Casing***	
Date		Date	
grade	-	grade	-
diam	[mm]	diam	[mm]
Lin Weight	[kg/m]	Lin Weight	[kg/m]
Nb Joint	-	Nb Joint	-
Set at	[m]	Set at	[m]
Length	[m]	Length	[m]
Burst	[kPa]	Burst	[kPa]
Collapse	[kPa]	Collapse	[kPa]
Tensile	[daN]	Tensile	[daN]
TEST		TEST	
Date		Date	
Pressure	[kPa]	Pressure	[kPa]
Last Cement		***Last Cement***	
Date		Date	
Class		Class	
Density	[kg/m^3]	Density	[kg/m^3]
Volume	[m^3]	Volume	[m^3]
Time to GL	[min]	Time to GL	[min]
Addittives		Addittives	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make		
Serial		
Size OD		[mm]
Size ID		[mm]
Pressure		[kPa]

DAILY DRILLING REPORT N° 9

INVESTCAN Energy Corp

Date : 18/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Cloudy*	mKB	107.5	Daily MD	0	Daily Costs	
Wind	NW 20km/h	mGL	103.18	Total MD	100.3	Cum Costs	
Temperature	-5 degC	24h Avg ROP	0 m/h	Expected MD	155/600	AFE	

Summary of Daily Operations CAODC Rig Inspection, pulling tests on rig anchors, installation of diverter line and flare tank

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	2	IEC	0		
Rig	6	Rig	0		
Others	5	Others	0		
Total	13	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager					

Hrs since last Medical Treatment Case 216
Hrs since last Lost Time Incident 216
H_2S Level 0 Trip Drill
CO_2 Level 0 Pit Drill
Gas Level 0
Safety Meetings @ 7:30 @ @
Topics: Pinch points, fall protection, use of hammer
PPE Overhead Loads

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :
SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	6:00		M/U bit and stablizer, welder start welding on diverter line, rig in boiler, meanwhile perform regular preventive maintenance and check fuel levels.
6:00			Perform CAODC inspection and capture nonconformities. Inspect Rig certificates and ensure certs up to date.
			Inspect and record all safety equipment and record details. Perform pull test on rig anchors as per regulations, all OK.
			Meanwhile continue to set up NOV ERD system. Prepare shakers and dress with 175 mesh screens.
			Source item and correct rig specfic deficiencies to meet pre spud inspection
			Meanwhile continue to weld diverter and diverter line to flare tank. Inspect rig certificates and ensure certs are up to date.
			Inspect and record all safety equipment and record details.
	12:00		Perform pull test on rig anchors (20,000lbs/anchors), OK. Continue to set up NOV ERD System.
12:00			Tranported 9 5/8" casing to location spotted on pipe racks, tallied and drifted.
			Strapped all BHA components and recorded fish necks, ID's, OD's and serial numbers.
			Strip diverter over DC, P/U and M/U bit and nead bit stab assembly. Strip over 13-3/8'' conductor, position over well center.
			and weld. Weld flanche connection to mate up flow line to diverter.
	21:00		Install diverter line to flare tank.
21:00	0:00		Pick up and M/U 6 1/4" DC's, make, break and make up newly cut connection on DC's. RIH to 90m.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:15	100.3	Continue to RIH to bttm and tag with .5daN WOB. Pull back 1m.
0:15	1:00	100.3	String survey line and prepare survey to run string shot.
1:00	2:00	100.3	RIH with survey , POOH and record 3.23deg, re-survey and record 3.75deg.
			Consult with Investcan St. John's office and make decision to drill ahead with min WOB and survey each 9m drilled to mitigate
			hole angle.
2:00			Attempt to break circulation , no returns. Pumped 17m3 of 1120kgs/m3 brine.
			Shut down consulted with mud man and mixed up cellosize/baro seal LCM pill and spot on bottom 2.3 m3.
			Shut down and wait 15min prior to attempt circulation, pumped 17m3, unable to establish circulation.
			Pump second LCM and spot on bottom, let LCM heal 15min, attempt to circulate, no returns. Pumped 9m3, no return.
	6:00	100.3	Pump third LCM pill, heal 15 min, pumped 13m3, no returns.

RIG TIME (operation duration in hours)

RU / TD	15	Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU Diverter	6	Directional Survey		Cementing	
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping	3
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	**0**
Cond		Run Casing		Handle		FIT			

24 HOURS FORECAST

Several options will be discussed (cement, drill ahead, change mud viscosity, ...) before moving forward.

Date : 18/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Produced		
Mud Co	Halliburton		
Time Check			
Mud Man	Lloyd		
Density	1120 kg/m3		[kg/m^3]
Viscosity			[s/l]
P.V.			[cp]
Y.P.			[g/100cm^2]
Gels 10"/10'			
Temperature			
Pressure			
pH			

Solids			[%]
Sands			[ppm]
OWR			[%]
MBT			[kg/m^3]
Cl-			[mg/L]
Salt			[mg/L]

Volumes Balance

Vol hauled	10	[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost		
Cum Mud Cost		

ADDITIVES ADDED

NAME	Quantity	Concentration
BARACARB 5		
BARABUF		
BAROSEAL		
N VIS P PLUS		
N DRILL LO		

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	Smith roller cone bit			0.33	6 5/8 reg	
2	near bit stablizer			1.95		
3	10 X 6 1/4" DCs		158.75	89.09	5H90	
4	X/O			0.93		
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump		
Make&Model		
Liner x Stack		-
SPM		-
Litre/Sk 100%		-
Circ Rate		[m^3/min]
Pump Eff		[%]
Pump Press		[kPa]
Drillpipe AV		[mm]
Drill Collar AV		[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m^3]
Hole Volume		[m^3]
System Vol.		[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203mm	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		**N°**
Size	311	[mm]
Mfg	Smith	-
Type	XR	-
Serial	PX9590	-
Nozzle	15.9mmX4	[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96		96	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	15	105	sacs
BARABUF	20		20	sacs
GYPSUM	20		20	sacs
BICARB OF SODA	16		16	sacs
N VIS P PLUS	15		15	sacs
CELLOSIZE	80		80	sacs
SALT COLORED	210		210	sacs
Fuel	9594		9594	liters
Drill Water	50	25.2	24.8	[m^3]
Brine	34	20.5	13.5	[m^3]
XL DEFOAM	16	1	15	5gal pails
Pot Water	3000		3000	liters

CASING / CEMENTING PROGRAM

Last Casing		
Date		
grade		-
diam		[mm]
Lin Weight		[kg/m]
Nb Joint		-
Set at		[m]
Length		[m]
Burst		[kPa]
Collapse		[kPa]
Tensile		[daN]
TEST		
Date		
Pressure		[kPa]
Last Cement		
Date		
Class		
Density		[kg/m^3]
Volume		[m^3]
Time to GL		[min]
Addittives		

Last Casing		
Date		
grade		-
diam		[mm]
Lin Weight		[kg/m]
Nb Joint		-
Set at		[m]
Length		[m]
Burst		[kPa]
Collapse		[kPa]
Tensile		[daN]
TEST		
Date		
Pressure		[kPa]
Last Cement		
Date		
Class		
Density		[kg/m^3]
Volume		[m^3]
Time to GL		[min]
Addittives		

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make		
Serial		
Size OD		[mm]
Size ID		[mm]
Pressure		[kPa]

DAILY DRILLING REPORT N° 10

INVESTCAN Energy Corp

Date : 19/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Cloudy*	mKB	107.5	Daily MD	0	Daily Costs	$76,729
Wind	W 25km/h	mGL	103.18	Total MD	100.3	Cum Costs	
Temperature	2 degC	24h Avg ROP	0 m/h	Expected MD	155/600	AFE	

Summary of Daily Operations Well survey, trying to establish circulation before drilling ahead the surface hole with LCM pills

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	2	IEC	0		
Rig	6	Rig	0		
Others	5	Others	0		
Total	13	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager					

Hrs since last Medical Treatment Case: 240
Hrs since last Lost Time Incident: 240
H_2S Level: 0 Trip Drill:
CO_2 Level: 0 Pit Drill:
Gas Level: 0
Safety Meetings @ 7:30 @ @
Topics: Pinch points, fall protection, use of hammer
PPE Overhead Loads

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :
SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:15	100.3	Continue to RIH to bttm and tag with .5daN WOB. Pull back 1m.
0:15	1:00	100.3	String survey line and prepare survey to run string shot.
1:00			RIH with survey , POOH and record 3.23deg, re-survey and record 3.75deg.
			Consult with Investcan St. John's office and make decision to drill ahead with min WOB and survey each 9m drilled to mitigate
	2:00		hole angle.
2:00			Attempt to break circulation , no returns. Pumped 17m3 of 1120kgs/m3 brine. Shut down consulted with mud man and mixed up cellosize/baro seal
			up cellosize/baro seal LCM pill and spot on bottom 2.3m3. Shut down and wait 15min prior attempt circulation, pumped 17m3, unable to establish
			Pump second LCM and spot on bottom. Let LCM heal 15min, attempt to circulate, no returns, pumped 9m3, no returns.
	7:00		Pump third pill same, pumped 13m3 fresh H2O no returns.
7:00			Consult with Investcan St. John's office, on losses and forward plan, wait on orders from Investcan office.
			Meanwhile offload jars Baker Hughes coring equipment on location. Remove diverter on well head to prepare for spotting
	11:30		cement plug down the casing. Cement truck on standby in Stephenville.
11:30			Order 6m3 of class A general purpose cement with extra chutes from ready mix plant and wait on cement truck.
			Prepare BHA components to drill ahead 12 1/4" section to include drilling jars. Cement arreived on location @ 14:30hrs,
	15:45		rig in and ready to pour cement.
15:45			Lower a string with attached weight into the wellbore to run to bottom, observe string reach depth of 17.75m
			and unable to pass. With this obstruction into the wellbore, onsite decision to hold off on cement and RIH with DC's to 17.5m.
			Tag and set down entire DC weight. Make up top drive. Break circulation w/ 25RPM with 0.4m3/min pump rate,
	17:15		pumped 5m3 no returns, reamed through obstruction.
17:15			M/U stand DC's and break circulation 0.4m3/min, 25RPM, wash 2nd stand to 34m, pumped 10m3.
	18:00		Note: total 15m3 H2O pumped, no returns to surface.
18:00			POOH with 2 stds DP, 1 stand DC's and rack back in derrick. Pull 12.25" bit out and move diverter away to pour cement.
	19:15		Note: observe DC's having a lot of sweep material on them indicating the sweeps were in the wellbore at 17m.
19:15			With string and weight attempt to lower into wellbore, run to 17.5m and observe same hang up.
			This now further the thought that the sweeps were briding into the wellbore.
			Upon pumping water into conductor we were able to force the bridged sweep down hole from 17.5m to 33m.
			Onsite decision to pour concrete down conductor, concrete now had started to set and was unable to flow into well bore.
	19:30		Advise Investcan St. John's office. Decision not to pour cement and to have a second truck ready for the morning.
19:30	22:45		Welder start to weld diverter conductor, transfer water to mud mud tank. Decision to mobilize Halliburton cement truck.
22:45			Picked up top drive, and M/U 1 single DC, make up to stump, break circulation @100spm, observe pressure 5000kPa straight away.
	0:00	100.3	Upon investigation LCM pill has plugged the bit.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	1:45		Cut of conductor check nozzles and observed bit plugged, clean out nozzles.
1:45	2:30		Picked up TD, L/D 1 DC , attempt to pump and observe pressure up to 3000kPa.
2:30	3:30		Break down one std DC and attempt to clean out jets, which were plugged with loss circulation material.
3:30	6:30		Cut casing in two places, remove diverter and break down NB stab.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU Diverter	6	Directional Survey		Cementing	
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping	
Coring		Survey		Drill Out		Lost Circulation	18		
Reaming		Logging		DST		BOP Drill		**TOTAL**	24
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	0
Cond		Run Casing		Handle		FIT			

24 HOURS FORECAST

Drill out LCM material, spot cement with Halliburton Cement truck, drill ahead.

Date : 19/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Produced		
Mud Co	Halliburton		
Time Check			
Mud Man	Lloyd		
Density	1120 kg/m3		[kg/m^3]
Viscosity			[s/l]
P.V.			[cp]
Y.P.			[g/100cm^2]
Gels 10"/10'			
Temperature			
Pressure			
pH			

Solids			[%]
Sands			[ppm]
OWR			[%]
MBT			[kg/m^3]
Cl-			[mg/L]
Salt			[mg/L]

Volumes Balance

Vol hauled	10	[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$4,735.55	
Cum Mud Cost	$5,730.55	

ADDITIVES ADDED

NAME	Quantity	Concentration
BARACARB 5		
BARABUF		
BAROSEAL		
N VIS P PLUS		
N DRILL LO		

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	Smith roller cone bit			0.33	6 5/8 reg	
2	near bit stablizer			1.95		
3	10 X 6 1/4" DCs		158.75	89.09	5H90	
4	X/O			0.93		
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump

Make&Model		
Liner x Stack		-
SPM		-
Litre/Sk 100%		-
Circ Rate		[m^3/min]
Pump Eff		[%]
Pump Press		[kPa]
Drillpipe AV		[mm]
Drill Collar AV		[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m^3]
Hole Volume		[m^3]
System Vol.		[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203mm	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		N°
Size	311	[mm]
Mfg	Smith	-
Type	XR	-
Serial	PX9590	-
Nozzle	15.9mmX4	[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96		96	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	15	105	sacs
BARABUF	20		20	sacs
GYPSUM	20		20	sacs
BICARB OF SODA	16		16	sacs
N VIS P PLUS	15		15	sacs
CELLOSIZE	80		80	sacs
SALT COLORED	210		210	sacs
Fuel	9594	1412	8182	liters
Drill Water	50	25.2	24.8	[m^3]
Brine	34	20.5	13.5	[m^3]
XL DEFOAM	16	1	15	5gal pails
Pot Water	12	3	9	[m^2]

CASING / CEMENTING PROGRAM

Last Casing		
Date		
grade		-
diam		[mm]
Lin Weight		[kg/m]
Nb Joint		-
Set at		[m]
Length		[m]
Burst		[kPa]
Collapse		[kPa]
Tensile		[daN]
TEST		
Date		
Pressure		[kPa]
Last Cement		
Date		
Class		
Density		[kg/m^3]
Volume		[m^3]
Time to GL		[min]
Addittives		

Last Casing		
Date		
grade		-
diam		[mm]
Lin Weight		[kg/m]
Nb Joint		-
Set at		[m]
Length		[m]
Burst		[kPa]
Collapse		[kPa]
Tensile		[daN]
TEST		
Date		
Pressure		[kPa]
Last Cement		
Date		
Class		
Density		[kg/m^3]
Volume		[m^3]
Time to GL		[min]
Addittives		

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD		[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 11

INVESTCAN Energy Corp

Date : 20/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Cloudy*	mKB	107.5	Daily MD	0	Daily Costs	$64,402
Wind	W 25km/h	mGL	103.18	Total MD	100.3	Cum Costs	
Temperature	2 degC	24h Avg ROP	0 m/h	Expected MD	155/600	AFE	

Summary of Daily Operations Perform cement job and wait on cement, meanwhile prepare 9 5/8" casing.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	6	IEC	0		
Rig	8	Rig	0		
Others	7	Others	0		
Total	22	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager	Ernie Leroux	1403 874 5812			

Hrs since last Medical Treatment Case 264
Hrs since last Lost Time Incident 264
H_2S Level 0 Trip Drill
CO_2 Level 0 Pit Drill
Gas Level 0
Safety Meetings @ 7:30 @ @
Topics: Cool weatherpinch points, fall protection
use of hammer, PPE, slips and trips

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :
SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	1:45	100.3	Cut of conductor check nozzles and observed bit plugged, clean out nozzles.
1:45	2:30		Picked up TD, L/D 1 DC , attempt to pump and observe pressure up to 3000kPa.
2:30	3:30		Break down one std DC and attempt to clean out jets, which were plugged with loss circulation material.
3:30	6:30		Cut casing in two places, remove diverter and break down NB stab.
6:30	7:00		Remove float and clean out LCM.
7:00	8:30		Prepare equipment on site for upcoming cement job, check rig floor equipment.
8:30	8:45		Break circulation w/ 70spm and attempt to circulate with 8m^3, no circulation.
8:45			RIH open ended with 6.25" DC's to to 96mKB, no obstructions observed while tripping.
	11:00		Meanwhile Halliburton cementers arrive on location @10:30hrs
11:00	12:00		Rig in TD, attempt to circulate with 70spm, pump 8m3, unable to establish circulation.
12:00			POOH from 96m to surface with open ended 6-1/4" DC's.
	13:15		Meanwhile orientate Halliburton cementers, Halliburton commence rig up operations.
13:15	14:00		Strap and P/U DP, RIH to 93mKB. Meanwhile, Halliburton batch mix 4.5Mt Class G Cement 1.8m3 H2O with 3%CaCl2.
14:00			Hold TBT prior to cementing operation. Pressure test surface lines to 7000kPa,
	14:45		commence pump 3.42m3 cement slurry, displace with 0.5m3 H2O.
14:45	15:30		POOH slowly with 5std DP and rack back in derrick.
15:30	19:00		WOC, top fill casing with H2O and monitor for cement fallout.
19:00	19:30		Strip on diverter and M/U 311mm drill bit. Prep conductor for welder.
19:30	0:00	100.3	Welder commence weld on diverter.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	3:15		Welder continue to weld on diverter, bolt up butterfly valve to flowline.
3:15	4:00		Attempt to start rig, unable to start. Fault found: electrical contact not connecting properly.
4:00	4:45		RIH with 12 1/4" BHA on 6 1/4" to 76mKb.
4:45			While making up DC stand #4, observe weight indicator responding too both overpulls and slack off.
	6:00		Upon investigation, fault found: drilling line appears to be miss aligned in traveling blocks.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC	6	Well Control		Drilling	
Rig Move		Rig Repair		NU Diverter	6	Directional Survey		Cementing	4
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping	4
Coring		Survey		Drill Out		Lost Circulation	4		
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	**0**
Cond		Run Casing		Handle		FIT			

24 HOURS FORECAST

Rig repair and drill out 12-1/4'' hole section to 155mKB, clean hole and POOH.

Date : 20/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	1.9		[%]
Mud Co	Halliburton		Sands			[ppm]
Time Check			OWR	9.8		[%]
Mud Man	Lloyd		MBT			[kg/m^3]
			Cl-	22000		[mg/L]
Density	1030kgs/m3	[kg/m^3]	Salt	440		[mg/L]
Viscosity		[s/l]				
P.V.		[cp]				
Y.P.		[g/100cm^2]				
Gels 10"/10'						
Temperature						
Pressure						
pH	7					

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$995.00	
Cum Mud Cost	$6,725.55	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	Smith roller cone bit		311	0.33	6 5/8 reg	
2	near bit stablizer		308	1.95	6 5/8regX 5H90	453kgs
3	10 X 6 1/4" DCs		158.75	89.09	5H90	37.4kg/m^3
4	X/O			0.93	5H90X3 1/2 IF	20kgs/m
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.05	0.0152	-
Circ Rate			[m^3/min]
Pump Eff			[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m^3]
Hole Volume		[m^3]
System Vol.		[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		N°
Size	311	[mm]
Mfg	Smith	-
Type	XR	-
Serial	PX9590	-
Nozzle	15.9mmX4	[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96		96	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	15	105	sacs
BARABUF	20		20	sacs
GYPSUM	20		20	sacs
BICARB OF SODA	16		16	sacs
N VIS P PLUS	15		15	sacs
CELLOSIZE	80		80	sacs
SALT COLORED	210		210	sacs
Fuel	19924	2295	17629	liters
Drill Water	50	35.2	14.8	[m^3]
Brine	34	20.5	13.5	[m^3]
XL DEFOAM	16	1	15	5gal pails
Pot Water	12	3	9	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date			Date		
grade		-	grade		-
diam		[mm]	diam		[mm]
Lin Weight		[kg/m]	Lin Weight		[kg/m]
Nb Joint		-	Nb Joint		-
Set at		[m]	Set at		[m]
Length		[m]	Length		[m]
Burst		[kPa]	Burst		[kPa]
Collapse		[kPa]	Collapse		[kPa]
Tensile		[daN]	Tensile		[daN]
TEST			TEST		
Date			Date		
Pressure		[kPa]	Pressure		[kPa]
Last Cement			***Last Cement***		
Date			Date		
Class			Class		
Density		[kg/m^3]	Density		[kg/m^3]
Volume		[m^3]	Volume		[m^3]
Time to GL		[min]	Time to GL		[min]
Addittives			Addittives		

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD		[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 12

INVESTCAN Energy Corp

Date : 21/12/2011
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Cloudy*	mKB	107.5	Daily MD	0	Daily Costs	$36,143
Wind	W 25km/h	mGL	103.18	Total MD	100.3	Cum Costs	
Temperature	2 degC	24h Avg ROP	0 m/h	Expected MD	155/600	AFE	

Summary of Daily Operations Rig repairs, remove travelling block for inspection and repair.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	2	IEC	0		
Rig	8	Rig	0		
Others	4	Others	0		
Total	14	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614		
Company man	Wade Augot	1709 691 9123		
Rig Manager	Ernie Leroux	1403 874 5812		

Hrs since last Medical Treatment Case	288		
Hrs since last Lost Time Incident	288		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0		

Safety Meetings @ 7:30 @ @

Topics: Fall protection, working at height
use of hammer, PPE, slips and trips

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	3:15	100.3	Weld on conductor / diverter.
3:15	4:15	100.3	Down time / electrical trouble on floor motor.
4:15	4:45	100.3	Make up drill collars and run in to 73 m.
4:45	7:00	100.3	While making up DC stand#4, observe weight indicator responding too both overpulls and slack off. Upon investigation, fault found: drilling line appears to be miss aligned in traveling blocks. Secure area, inspect travelling block at daylight: drill line miss aligned whereby 2 lines are occupping the same sheave.
7:00		100.3	Notify Investcan St. John's office, make plan with onsite personnel.
	12:00		Secure DC in slips with dog collar, observed drilling line pinched to tight in sheave to lower drilling blocks.
12:00		100.3	Open sheave guard on drilling blocks and inspect, line severely binded in sheave, report finding to Investcan and Foragaz offices. Decsion made to secure drilling blocks and cut drill line.
	18:00		Secure travelling block with tuggers, snub of dead man line, install bulldog clamp onto drilling line and cut deadman site drill line.
18:00		100.3	Continue preparing to lower travelling blocks to drill floor. Secure fast line drilling line and hold TBT prior to lowering blocks to drill floor.
	0:00	100.3	Remove bulldog clamp and lower traveling blocks to drill floor.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:45	100.3	Remove drill line from draw works, prepare drum and prepare for new drill line spool to arrive.
2:45			New drill line spool arrive on location. Dismantle travelling block and inspect for demage, observe severe wear in sheave partition plate.
	6:00	100.3	Dismantle blocks entirely, clean and throughly inspect to assist any demage.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair	21.75	NU Diverter	3.25	Directional Survey		Cementing	
WOD		Slip/cut line		Test BOPs		Squeeze		Tripping	
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**3.25**
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	**21.75**
Cond		Run Casing		Handle		FIT			

24 HOURS FORECAST

Make necessary repairs to rig and function test equipment. Commence Drill out 12 1/4" hole section, clean hole and POOH.

Date : 21/12/2011 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	49		[kg/m³]
Mud Co	Halliburton		Sands			[ppm]
Time Check	9:00		OWR	9.8		[%]
Mud Man	Lloyd		MBT			[kg/m³]
Density	1030kgs/m3	[kg/m³]	Cl-	22000		[mg/L]
Viscosity	33	[s/l]	Salt			[mg/L]
P.V.		[cp]				
Y.P.		[g/100cm²]				
Gels 10"/10'						
Temperature						
Pressure						
pH	7					

Volumes Balance

Vol hauled	10	[m³]
Vol dumped		[m³]
Circ loss	45.7	[m³]
Boiler loss		[m³]
Daily Mud Cost	$995.00	
Cum Mud Cost	$7,720.55	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	Smith roller cone bit		311	0.33	6 5/8 reg	
2	near bit stablizer		308	1.95	6 5/8regX 5H90	453kgs
3	10 X 6 1/4" DCs		158.75	89.09	5H90	37.4kg/m
4	X/O			0.93	5H90X3 1/2 IF	20kgs/m
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.05	0.0152	-
Circ Rate			[m³/min]
Pump Eff			[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m³]
Hole Volume		[m³]
System Vol.		[m³]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit			N°
Size	311		[mm]
Mfg	Smith		-
Type	XR		-
Serial	PX9590		-
Nozzle	15.9mmX4		[mm²]
WOB			[daN]
RPM			[tr/min]
Flow			[gal/s]
Pres			[kPa]
From			[m]
To			[m]
Drilled			[m]
Hours			[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96		96	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	15	105	sacs
BARABUF	20		20	sacs
GYPSUM	20		20	sacs
BICARB OF SODA	16		16	sacs
N VIS P PLUS	15		15	sacs
CELLOSIZE	80	15	65	sacs
SALT COLORED	210		210	sacs
Fuel	19824	2694	17130	liters
Drill Water	110	35.2	74.8	[m³]
Brine	34	20.5	13.5	[m³]
XL DEFOAM	16	1	15	5gal pails
Pot Water	12	3	9	[m³]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***	
Date			Date	
grade		-	grade	-
diam		[mm]	diam	[mm]
Lin Weight		[kg/m]	Lin Weight	[kg/m]
Nb Joint		-	Nb Joint	-
Set at		[m]	Set at	[m]
Length		[m]	Length	[m]
Burst		[kPa]	Burst	[kPa]
Collapse		[kPa]	Collapse	[kPa]
Tensile		[daN]	Tensile	[daN]
TEST			TEST	
Date			Date	
Pressure		[kPa]	Pressure	[kPa]
Last Cement			***Last Cement***	
Date	20/11/2012		Date	
Class	G		Class	
Density	1895	[kg/m³]	Density	[kg/m³]
Volume	3.4	[m³]	Volume	[m³]
Time to GL		[min]	Time to GL	[min]
Addittives	3% CaCl2		Addittives	

CENTRIFUGE

Make		
OF density		[kg/m³]
UF density		[kg/m³]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD		[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 13

INVESTCAN Energy Corp

Date : 22/12/2011
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Cloudy*	mKB	107.5	Daily MD	9	Daily Costs	$25,102
Wind	SW 10km/h	mGL	103.18	Total MD	109	Cum Costs	
Temperature	2 degC	24h Avg ROP	2.6m/h	Expected MD	155/600	AFE	

Summary of Daily Operations Re-string travelling blocks and test equipment, install TDS and commence drill cement/formation from 88.5 to 109m

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	4	IEC	0		
Rig	8	Rig	0		
Others	3	Others	0		
Total	15	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager	Ernie Leroux	1403 874 5812			

Hrs since last Medical Treatment Case 312
Hrs since last Lost Time Incident 312
H_2S Level 0 Trip Drill
CO_2 Level 0 Pit Drill
Gas Level 0
Safety Meetings @ 7:30 @ @
Topics: working at height, tool aloft, wickers handling drill line PPE, slips and trips.

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Anhydrite with traces of halite
SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:45		Remove drill line from draw works, prepare drum and prepare for new drill line spool to arrive.
2:45			New drill line spool arrive on location. Dismantle travelling block and inspect for demage, observe severe wear in sheave partition plate.
	6:00		Dismantle blocks entirely, clean and throughly inspect to assist any damage.
6:00		76	Welder rebuild metal wear on travelling block sheave plates. Assemble travelling blocks, and inspect.
	18:00		Restring travelling blocks, install sheave guards and install TDS.
18:00			M/U TDS to drill string and break circulation @ 83m with 0.612m3/min, wash down and tag TOC @ 88.5m with 2 dNm WOB.
	21:30	88.5	Start rotary @ 28RPM and commence drill cement from 88.5m to 100.7m.
21:30		105	Commence drill formation from 100.7m to 105.2m with 4-5dNm WOB with 20kPa pump pressure @.502m^3. ROPs=6m/hr. formation prior to
			Notify water hauler to haul fresh water to location. Source welder to remove diverter/conductor prior to cement job.
	23:00		Note: Encounter total losses at 105.2m, consult Investcan office St. John's. Decision made to drill ahead and attempt to expose weak.
23:00			Continue to drill ahead from 105.2m to 109m with 5-6dNm WOB, 60-65 RPM, 0 pump pressure @ 0.502m^3/min.
	0:00	109	Note: continue to pump 3m3 high viscosity sweeps unable to establish circulation.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:15	113	Continue to drill ahead from 109m to 113m with 5-6dNm WOB, 65-70RPM, 0 pump pressure @.502m3/min. Unable to establish circulation
2:15			Pumped all drilling fluid on location, pumped total of 33m3 of LCM sweeps.
			Observe ROP's slow to 1-2m/hr indicating we have drilled through our faulted formation.
			Consulted with onsite supervisor and decision made to POOH and commence cement operations.
	2:30	113	Notify Halliburton to mobilize from Stephenville for cement operations.
2:30	3:45	18	Remove TDS, POOH from 113m to 92m with 3.5 DP. POOH with 12.25" BHA from 92 to 18m.
3:45	6:00		Welder cut of conductor to remove bit/stab. Meanwhile rig in Halliburton cementers.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling	3
Rig Move		Rig Repair	18	NU Diverter		Directional Survey		Cementing	
WOW		Slip/cut line		Test BOPs		Squeeze		Tripping	
Coring		Survey		Drill Out		Lost Circulation	3		
Reaming		Logging		DST		BOP Drill		**TOTAL**	**6**
Flow Check		Pmp repair		Safety Meet		LOT		**DOWNTIME**	**18**
Cond		Run Casing		Handle		FIT			

24 HOURS FORECAST

Perform cement job, M/U BHA and weld conductor. RIH and drill 311mm hole section to 162m.

Date : 22/12/2011 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	41		[kg/m³]
Mud Co	Halliburton		Sands			[ppm]
Time Check	9:00		OWR			[%]
Mud Man	Lloyd		MBT			[kg/m³]
			Cl-	20000		[mg/L]
Density	1025	[kg/m³]	Calcium	480		[mg/L]
Viscosity		[s/l]				
P.V.		[cp]				
Y.P.		[g/100cm²]				
Gels 10"/10'						
Temperature						
Pressure						
pH	7					

Volumes Balance

Vol hauled	36	[m³]
Vol dumped		[m³]
Circ loss	46	[m³]
Boiler loss		[m³]
Daily Mud Cost	$2,865.41	
Cum Mud Cost	$10,585.96	

ADDITIVES ADDED

NAME	Quantity	Concentration
BAROSEAL	33	
CELLOSIZE	3	

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	Smith roller cone bit	72	311	0.33	6 5/8 reg	
2	near bit stablizer	72	308	1.95	6 5/8regX 5H90	453kgs
3	10 X 6 1/4" DCs	60	158.75	89.09	5H90	37.4kg/m³
4	X/O	60	6 1/4"	0.93	5H90pX3 1/2IF	20 kg/m
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.05	0.0152	-
Circ Rate			[m³/min]
Pump Eff			[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m³]
Hole Volume		[m³]
System Vol.		[m³]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		N°
Size	311	[mm]
Mfg	Smith	-
Type	XR	-
Serial	PX9590	-
Nozzle	15.9mmX4	[mm²]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96		96	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
GYPSUM	20		20	sacs
BICARB OF SODA	16		16	sacs
N VIS P PLUS	15		15	sacs
CELLOSIZE	80	18	62	sacs
SALT COLORED	210		210	sacs
Fuel	19824	4533	15291	liters
Drill Water	110	110	0	[m³]
Brine	34	20.5	13.5	[m³]
XL DEFOAM	16	1	15	5gal pails
Pot Water	15	6	9	[m³]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***	
Date			Date	
grade		-	grade	-
diam		[mm]	diam	[mm]
Lin Weight		[kg/m]	Lin Weight	[kg/m]
Nb Joint		-	Nb Joint	-
Set at		[m]	Set at	[m]
Length		[m]	Length	[m]
Burst		[kPa]	Burst	[kPa]
Collapse		[kPa]	Collapse	[kPa]
Tensile		[daN]	Tensile	[daN]
TEST			TEST	
Date			Date	
Pressure		[kPa]	Pressure	[kPa]
Last Cement			***Last Cement***	
Date	20/11/2012		Date	
Class	G		Class	
Density	1895	[kg/m³]	Density	[kg/m³]
Volume	3.4	[m³]	Volume	[m³]
Time to GL		[min]	Time to GL	[min]
Addittives	3% CaCl2		Addittives	

CENTRIFUGE

Make		
OF density		[kg/m³]
UF density		[kg/m³]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD		[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 14

INVESTCAN Energy Corp

Date : 23/12/2011
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Sunny*	mKB	107.5	Daily MD	28.5	Daily Costs	$42,810
Wind	SW 10km/h	mGL	103.18	Total MD	127.5	Cum Costs	
Temperature	4 degC	24h Avg ROP	2.6m/h	Expected MD	155/600	AFE	

Summary of Daily Operations Cement plug set from 103 to 113m. Drill out cement and drill to 127.5m

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	4	IEC	0		
Rig	8	Rig	0		
Others	6	Others	0		
Total	18	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager	Ernie Leroux	1403 874 5812			

Hrs since last Medical Treatment Case 336
Hrs since last Lost Time Incident 336
H_2S Level 0 Trip Drill
CO_2 Level 0 Pit Drill
Gas Level 0
Safety Meetings @ 7:30 @ @
Topics: Pinch point on drill floor, moving equipment
rotating equipment

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Anhydrite with traces of halite

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:15	113	Continue to drill ahead from 109m to 113m with 5-6daN WOB, 65-70RPM, 0 pump pressure @ 0.502m3/min. Note: unable to establish circulation
2:15			Pumped all drilling fluid on location, pumped total of 33m3 of LCM sweeps. Observe ROP's slow to 1-2m/hr indicating we have drilled through our faulted formation. Consulted with onsite supervisor and decision made to POOH and commence cement.
	2:30	113	Notify Halliburton to mobilize from Stephenville for cement operations.
2:30	3:45	18	Remove TDS, POOH from 113m to 92m with 3.5 DP. POOH with 12.25" BHA from 92 to 18m.
3:45	6:00	0	Welder cut of conductor, break down bit/stab and lay out. Meanwhile rig in Halliburton cementers.
6:00	7:00	103	RIH with 101mm DP to 103m. Continue to rig in Halliburton cementers, rig in water truck to Halliburton unit.
7:00	7:15	103	Hold TBT prior to cement operations.
7:15			Halliburton batch mix 4.5Mt Class G Cement with 1.9m^3 H2O and 3%CaCl2. Perform cement operations as follows:
	0:00	103	circulate 1m3 H2O, pressure test surface lines to 7000kPa, good test, pump 3.4m3 of 195kgs'm3 HalCem G+3% CaCl cement @ 0.32m3/min
9:00	9:30		POOH with 101mm DP from 103m. Meanwhile rig out Halliburton cementers.
9:30	16:00		WOC, meanwhile P/U and M/U 6.25" DC, strip diverter over 6.25DC, M/U 12.25" bit and nearbit stab to string. Nipple up diverter with welder.
16:00	16:30	92	RIH with 311mm BHA to 92m.
16:30	16:45	103	RIH with 101mm DP to 103m, install TDS, break circulation @ 0.5m^3 @ 100kPa pressure, 13daN up/down/rotating weights
16:45	17:45	113	Wash to bottom, tag and record TOC @ 103m, commence drill cement from 103-113m with 50RPM, 0.5m^3 and 3-4daN WOB.
17:45	0:00	127.5	Commence drill new formation from 103m to 127.5m with 70RPM, 5daN WOB, .5m^3 @ 1500kPa.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	1:30	127.5	Continue to drill new formation from 127.5m to 130.18m with 70RPM, 5daN WOB, 0.65m3 @ 1500kPa.
1:30		130	RIH with string shot survey to 120m, POOH and record 12deg, re-survey and record 6deg.
	2:00		Consult with onsite supervisor, drill ahead with 3-4daN WOB and 80-90 RPM to control hole angle.
2:00		135	Observe tight hole conditions @ 130m, work drill through 128-131m with 85RPM Continue to drill ahead from 130.18m to 135m with 85RPM, daN,
	6:00		Meanwhile consult with mud engineer to build polymer mud to aid hole cleaning.

RIG TIME (operation duration in hours)

RU / TD	0.25	Rig Maintenance		WOC	6.5	Well Control		Drilling	9.25
Rig Move		Rig Repair		NU Diverter	1.75	Directional Survey		Cementing	2.5
WOW		Slip/cut line		Test BOPs		Squeeze		Tripping	2
Coring		Survey		Drill Out	1	Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	0.25	LOT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	0.5	FIT			

24 HOURS FORECAST

Drill 311mm hole section to 162m. Run 9-5/8'' casing and R/U for cement job once Halliburton is onsite (contingency).

Date : 23/12/2011 **Well : Gobineau#1** **Rig : Foragaz#3**

Coord: 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		
Mud Co	Halliburton		
Time Check	9:00		
Mud Man	Lloyd		
Density	1040kgs/m3		[kg/m^3]
Viscosity			[s/l]
P.V.			[cp]
Y.P.			[g/100cm^2]
Gels 10"/10'			
Temperature			
Pressure			
pH	7		

Solids	65		[kg/m^3]
Sands			[ppm]
OWR			[%]
MBT			[kg/m^3]
Cl-	28000		[mg/L]
Calcium	1280		[mg/L]

Volumes Balance

Vol hauled	100	[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$1,725.47	
Cum Mud Cost	$12,311.43	

ADDITIVES ADDED

NAME	Quantity	Concentration
BAROSEAL	33	
CELLOSIZE	3	

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	Smith roller cone bit	72	311	0.33	6 5/8 reg	
2	near bit stablizer	72	308	1.95	6 5/8regX 5H90	453kgs
3	10 X 6 1/4" DCs	60	158.75	89.09	5H90	37.4kg/m^3
4	X/O	60	6 1/4"	0.93	5H90pX3 1/2IF	20 kg/m
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.05	0.0152	-
Circ Rate			[m^3/min]
Pump Eff			[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m^3]
Hole Volume		[m^3]
System Vol.		[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation
1:30	130			6	

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		N°	
Size	311		[mm]
Mfg	Smith		-
Type	XR		-
Serial	PX9590		-
Nozzle	15.9mmX4		[mm^2]
WOB			[daN]
RPM			[tr/min]
Flow			[gal/s]
Pres			[kPa]
From			[m]
To			[m]
Drilled			[m]
Hours			[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96		96	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
GYPSUM	20		20	sacs
BICARB OF SODA	16		16	sacs
N VIS P PLUS	15		15	sacs
CELLOSIZE	80	18	62	sacs
SALT COLORED	210		210	sacs
Fuel	19824	5327	14497	liters
Drill Water	200	100	100	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	1	15	5gal pails
Pot Water	15	6	9	[m^3]

CASING / CEMENTING PROGRAM

Last Casing		
Date		
grade		-
diam		[mm]
Lin Weight		[kg/m]
Nb Joint		-
Set at		[m]
Length		[m]
Burst		[kPa]
Collapse		[kPa]
Tensile		[daN]
TEST		
Date		
Pressure		[kPa]
Last Cement		
Date	20/11/2012	
Class	G	
Density	1895	[kg/m^3]
Volume	3.4	[m^3]
Time to GL		[min]
Addittives	3% CaCl2	

Last Casing		
Date		
grade		-
diam		[mm]
Lin Weight		[kg/m]
Nb Joint		-
Set at		[m]
Length		[m]
Burst		[kPa]
Collapse		[kPa]
Tensile		[daN]
TEST		
Date		
Pressure		[kPa]
Last Cement		
Date	23/11/2012	
Class	G	
Density	1895	[kg/m^3]
Volume	3.4	[m^3]
Time to GL		[min]
Addittives	3% CaCl2	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD		[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

INVESTCAN Energy Corp

DAILY DRILLING REPORT N° 15

Date : 24/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Cloudy*	mKB	107.5	Daily MD	28.5	Daily Costs	$36,740 est.
Wind	ESE 10km/h	mGL	103.18	Total MD	156	Cum Costs	
Temperature	7 degC	24h Avg ROP	1.5m/h	Expected MD	162/600	AFE	

Summary of Daily Operations Drill from 127.5m to 156m, make rig repairs on TDS.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	4	IEC	0		
Rig	8	Rig	0		
Others	4	Others	0		
Total	16	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager	Ernie Leroux	1403 874 5812			

Hrs since last Medical Treatment Case	360		
Hrs since last Lost Time Incident	360		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0		
Safety Meetings @ 7:30 @	@		
Topics: Pinch point on drill floor, moving equipment			
rotating equipment			

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Anhydrite 65% with carbonate (30%) and gypsum (5%) at 162 mKB

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:00	130	Drill 311 mm hole f/ 127 m to 130 m with 70RPM, 5daN WOB, 0.65m3 @ 1500kPa.
2:00	2:30	130	RIH with string shot survey to 120m, pull and record 12°, re-survey and record 6°. Consult with onsite supervisor, drill ahead with 3-4daN WOB and 80-90 RPM to control hole angle.
2:30	11:45	142	Observe tight hole conditions @ 130m, work drillstring through 128-131m with drilling parameters. Continue to drill ahead from 130 m to 142 m with 85RPM, 4-6daN WOB, 0.65m3/min @ 1500kPa. Experience 3m3/hr losses, consult with mud Eng to build polymer mud to aid hole cleaning. Start mixing polymer @ 30min/sac.
11:45	12:00	142	Held safety meeting with rig crew.
12:00	13:15	143	Drill 311 mm hole from 142 m to 143 m with 70 - 80 RPM, 4 - 6 daN WOB, 0.65m/min @ 2900 kPa 1.15 m/3 per min
13:15	15:30	143	Rig down time repair leaks on top drive connections
15:30	20:00	149	Drill 311 mm hole from 143 to 149 m with 70-80- RPM / 4 - 6 DaN WOB 0.6 - 0.5 m/min @ 3100 Kpa @ 100 spm.
20:00	20:30	139	Work pipe and survey @139m. Pull survey and record 3.25°.
20:30	0:00	156	Continue to drill 311 mm hole section from 149m to 156m with 70-80RPM, 4-6 DaN WOB, with 100spm @ 1515Kpa, 41daN MD up/down/rotating.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	3:30	162	Continue drill 311 mm hole section from 156m to 162m with 70-80 RPM, 4 - 6 daN WOB , with 100 spm @ 1515Kpa, 41 daN MD up/down/rotating Count DP on location to confirm tally.
3:30	4:15	162	Pump 3m^3 hi vis sweep and circulate. Break of connection rig up survey tool, RIH with string shot survey and record 4°. Re survey as per St. John's office request and record 4°.
4:15	5:00	162	Pump 4m^3 high vis sweep, ciculate clean, observe clean returns at shakers, shut down mud pumps.
5:00	5:30	92	POOH with 3.5"DP from 162m to 92m.
5:30	6:00		Remove diveter element, remove TDS and rack on drill floor, install bails and elevators.
			Note: no overpull experienced while POOH.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling	20.5
Rig Move		Rig Repair	2.25	NU Diverter		Directional Survey		Cementing	
WOW		Slip/cut line		Test BOPs		Squeeze		Tripping	
Coring		Survey	1	Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**21.75**
Flow Check		Pmp repair		Safety Meet	0.25	LOT		**DOWNTIME**	**2.25**
Cond		Run Casing		Handle		FIT			

24 HOURS FORECAST

Run 9-5/8'', cement casing bowl, nipple up BOPs

Date : 24/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		
Mud Co	Halliburton		
Time Check	9:00		
Mud Man	Lloyd		
Density	1060		[kg/m³]
Viscosity	33		[s/l]
P.V.			[cp]
Y.P.			[g/100cm²]
Gels 10"/10'			
Temperature			
Pressure			
pH	12		

Solids	97		[kg/m³]
Sands			[ppm]
OWR			[%]
MBT			[kg/m³]
Cl-	44000		[mg/L]
Calcium	1720		[mg/L]

Volumes Balance

Vol hauled	100	[m³]
Vol dumped		[m³]
Circ loss		[m³]
Boiler loss		[m³]
Daily Mud Cost	$2,902.64	
Cum Mud Cost	$15,214.07	

ADDITIVES ADDED

NAME	Quantity	Concentration
N DRILL LO	2	
XL Deloamer	1	

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	Smith roller cone bit	72	311	0.33	6 5/8 reg	
2	near bit stablizer	72	308	1.95	6 5/8regX 5H90	453kgs
3	10 X 6 1/4" DCs	60	158.75	89.09	5H90	37.4kg/m
4	X/O	60	6 1/4"	0.93	5H90pX3 1/2IF	20 kg/m
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM	114		-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate	1.42		[m³/min]
Pump Eff	90		[%]
Pump Press	1507		[kPa]
Drillpipe AV	14.45		[mm]
Drill Collar AV	17.46		[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m³]
Hole Volume		[m³]
System Vol.		[m³]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation
20:00	139			3.25	
3:30	158			4	

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit			N°
Size	311		[mm]
Mfg	Smith		-
Type	XR		-
Serial	PX9590		-
Nozzle	15.9mmX4		[mm²]
WOB	5		[daN]
RPM	80		[tr/min]
Flow			[gal/s]
Pres	2275		[kPa]
From	127.5		[m]
To	156		[m]
Drilled	28.5		[m]
Hours	32.75		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96		96	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
GYPSUM	20		20	sacs
BICARB OF SODA	16		16	sacs
N VIS P PLUS	15		15	sacs
CELLOSIZE	80	18	62	sacs
SALT COLORED	210		210	sacs
Fuel	19824	6305	13519	liters
Drill Water	255	175	80	[m³]
Brine	34	34	0	[m³]
XL DEFOAM	16	2	14	5gal pails
Pot Water	15	6	9	[m³]

CASING / CEMENTING PROGRAM

Last Casing		
Date		
grade		-
diam		[mm]
Lin Weight		[kg/m]
Nb Joint		-
Set at		[m]
Length		[m]
Burst		[kPa]
Collapse		[kPa]
Tensile		[daN]
TEST		
Date		
Pressure		[kPa]
Last Cement		
Date	20/11/2012	
Class	G	
Density	1895	[kg/m³]
Volume	3.4	[m³]
Time to GL		[min]
Addittives	3% CaCl2	

Last Casing		
Date		
grade		-
diam		[mm]
Lin Weight		[kg/m]
Nb Joint		-
Set at		[m]
Length		[m]
Burst		[kPa]
Collapse		[kPa]
Tensile		[daN]
TEST		
Date		
Pressure		[kPa]
Last Cement		
Date	23/11/2012	
Class	G	
Density	1895	[kg/m³]
Volume	3.4	[m³]
Time to GL		[min]
Addittives	3% CaCl2	

CENTRIFUGE

Make		
OF density		[kg/m³]
UF density		[kg/m³]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD		[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 16

INVESTCAN Energy Corp

Date : 25/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992 / 5357531 NAD 27

Spud : 10/11/2012

Weather @ 8:00	*Rain*	mKB	107.5	Daily MD	6	Daily Costs	$34,000 est.
Wind	SW 45km/h	mGL	103.18	Total MD	162	Cum Costs	
Temperature	1 degC	24h Avg ROP	1.5m/h	Expected MD	162/600	AFE	

Summary of Daily Operations TD 311mm hole section to 162m, run 9-5/8'' casing and cement. Weld casing bowl.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	4	IEC	0		
Rig	8	Rig	0		
Others	6	Others	0		
Total	18	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager	Ernie Leroux	1403 874 5812			

Hrs since last Medical Treatment Case	384
Hrs since last Lost Time Incident	384
H_2S Level	0
CO_2 Level	0
Gas Level	0
Trip Drill	
Pit Drill	
Safety Meetings @ 6:45 @ 18:45 @	
Topics: slips and trips, handling casing, use of dog collars	
rotating equipment	

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Anhydrite 65% with carbonate (30%) and gypsum (5%) at 162 mKB - Transition zone between the Codroy Road Anhydrite and the Ship Cove Limestone

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00		162	Continue drill 311 mm hole section from 156m to 162m with 70-80RPM, 4 - 6 daN WOB, with 100spm @ 1515Kpa, 41daN MD up/down/rotating weight.
	3:30		Count DP on location to confirm tally.
3:30		162	Pump 3m3 high viscosity sweep and circulate. Break of connection rig up survey tool, RIH with string shot survey and record 4°.
	4:15		Re-survey as per St. John's office request and record 4°.
4:15	5:00	162	Pump 4m3 high viscosity sweep, ciculate clean, observe clean returns at shakers, shut down mud pumps.
5:00	5:30	92	POOH with 3.5"DP from 162m to 92m. Note: no overpull experienced while POOH.
5:30	6:00	92	Remove diveter element, remove TDS and rack on drill floor, install bails and elevators.
6:00	6:45	18	POOH with 12.25 BHA from 92m to 18m on 6.25" DC's.
6:45	8:00	0	Welder cut diverter in 3 places to nipple down 12.25" BHA.
8:00	8:30		Break down bit/stab and lay out, rack 6.25" DC's.
8:30	9:00		Rig up casing equipment to run 244mm casing as per procedures.
9:00	9:15		Hold TBT with crew prior to running 244mm casing.
9:15			P/U and M/U 244mm shoe track, RIH and test float. All OK. Continue to RIH with 244mm 59.53kgs/m J55 casing to 162m as per program.
	12:00		Note: installed 5 centralizers. Meanwhile Halliburton cementers rig up for cement job.
12:00			Hold TBT with crew prior to cement operations. Pumped 3m^3 H_2O, pressure test surface lines to 7000kPa.
			Pumped 9.1m3 12T Halcem G w/ 3% CaCl @ 1895kgs/m3, drop plug and displace w/6.4m3 H2O.
	14:00		Bump plug with 3000kPa over/bleed off floats held OK.
14:00	15:30		WOC and rig up for Top Up Cement.
15:30	16:00		Perform Top up Cement job: pump 1T 0.76m^3 Slurry @ 1895 kg/m^3. Held OK. Clean up from cement job and rig out Halliburton cementers.
16:00	18:00		Wait On Cement, meanwhile prepare BOPs for nipple up operations.
18:00	0:00		Cut conductor and weld on bowl 279 X 244.5 X 21000kPa Vetco Bowl Ser# 11007581. Remove degasser flare line, prepare BOPs for nipple up.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:30		Continue weld casing bowl, allow casing bowl to cool prior to pressure test. Pressure test to 7000kPa as per requirement.
2:30	6:00		Nipple up BOPs as per Foragaz procedures. Install 11/3 X 9/3 DSA, skid BOPs and install on casing bowl, install HCR and kill line.

RIG TIME (operation duration in hours)

RU / TD	0.5	Rig Maintenance		WOC	3.5	Well Control		Drilling	3.5
Rig Move		Rig Repair		NU/ND Div.	1	Directional Survey		Cementing	2.5
WOW		Slip/cut line		Test BOPs		Squeeze		Tripping	1.25
Coring		Survey	0.75	Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	0.5	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing	3	Handle	6.75	Hole Cleaning	0.75		

24 HOURS FORECAST

Nipple up BOPs, pressure test BOPs, M/U 8.5'' BHA and RIH. Drill out shoe track, perform LOT and drill ahead.

Date : 25/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	16		[kg/m³]
Mud Co	Halliburton		Sands			[ppm]
Time Check	7:30		OWR			[%]
Mud Man	Lloyd		MBT			[kg/m³]
			Cl-	10000		[mg/L]
Density	1010	[kg/m³]	Calcium	1400		[mg/L]
Viscosity	32	[s/l]				
P.V.		[cp]				
Y.P.		[g/100cm²]				
Gels 10"/10'						
Temperature						
Pressure						
pH	10					

Volumes Balance

Vol hauled		[m³]
Vol dumped		[m³]
Circ loss		[m³]
Boiler loss		[m³]
Daily Mud Cost	$1,444.75	
Cum Mud Cost	$16,658.82	

ADDITIVES ADDED

NAME	Quantity	Concentration
N DRILL LO	9	

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	Smith roller cone bit	72	311	0.33	6 5/8 reg	
2	near bit stablizer	72	308	1.95	6 5/8regX 5H90	453kgs
3	10 X 6 1/4" DCs	60	158.75	89.09	5H90	37.4kg/m³
4	X/O	60	6 1/4"	0.93	5H90pX3 1/2IF	20 kg/m
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate			[m³/min]
Pump Eff	90	90	[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m³]
Hole Volume		[m³]
System Vol.		[m³]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation
3:30	158			4	

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack		
	Diverter	203	
	Annular		
	Blind		
	Other		
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS	Date	Pres [kPa]
Last BOP		
Next BOP		

BITS

Bit		N°	
Size	311		[mm]
Mfg	Smith		-
Type	XR		-
Serial	PX9590		-
Nozzle	15.9mmX4		[mm²]
WOB	5		[daN]
RPM	80		[tr/min]
Flow			[gal/s]
Pres	2275		[kPa]
From	127.5		[m]
To	156		[m]
Drilled	28.5		[m]
Hours	32.75		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96		96	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
GYPSUM	20		20	sacs
BICARB OF SODA	16		16	sacs
N VIS P PLUS	15		15	sacs
CELLOSIZE	80	29	51	sacs
SALT COLORED	210		210	sacs
Fuel	19824	8382	11442	liters
Drill Water	255	175	80	[m³]
Brine	34	34	0	[m³]
XL DEFOAM	16	1	15	5gal pails
Pot Water	15	6	9	[m³]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date		
grade	J-55	-	grade		-
diam	244.48	[mm]	diam		[mm]
Lin Weight	59.53	[kg/m]	Lin Weight		[kg/m]
Nb Joint	12	-	Nb Joint		-
Set at	162	[m]	Set at		[m]
Length	162.76	[m]	Length		[m]
Burst	27200	[kPa]	Burst		[kPa]
Collapse	17720	[kPa]	Collapse		[kPa]
Tensile	231300	[daN]	Tensile		[daN]
TEST			TEST		
Date			Date		
Pressure		[kPa]	Pressure		[kPa]
Last Cement	9-5/8" casing		***Last Cement***	Cement plug	
Date	25/11/2012		Date	23/11/2012	
Class	G		Class	G	
Density	1895	[kg/m³]	Density	1895	[kg/m³]
Volume	9.9	[m³]	Volume	3.4	[m³]
Time to GL	8	[min]	Time to GL		[min]
Additives	3% CaCl2		Additives	3% CaCl2	

CENTRIFUGE

Make		
OF density		[kg/m³]
UF density		[kg/m³]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD		[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 17

INVESTCAN Energy Corp

Date : 26/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Snow*	mKB	107.5	Daily MD	0	Daily Costs	$59,076 est.
Wind	30km/h	mGL	103.18	Total MD	162	Cum Costs	
Temperature	-2 degC	24h Avg ROP	0m/h	Expected MD	162/600	AFE	

Summary of Daily Operations Weld casing bowl, nipple up BOP's and pressure test.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	4	IEC	0		
Rig	8	Rig	0		
Others	4	Others	0		
Total	16	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case	408		
Hrs since last Lost Time Incident	408		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	1.5 min
Gas Level	0	BOP Drill	1.25 min

Safety Meetings @ 6:45 @ 18:45 @

Topics: slips and trips in cellar while N/U BOPs
Pressure Testing, handling BOPs

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00			Continue weld casing bowl, allow casing bowl to cool prior to pressure test.
			Pressure test to 7000kPa as per requirement. Bowl 279X 244.5 X 21000 Kpa Ser # 11007581 Vetco Bowl.
	2:30		Meanwhile hold TBT with crew prior to nipple up.
2:30	7:00		Nipple up BOPs as per Foragaz procedures. Install 11/3 X 9/3 DSA, skid BOPs and install on casing bowl, install HCR and kill line.
7:00	12:00		Nipple up BOPs as per Foragaz procedures, repair leaks in accumulator (joint).
12:00	13:15		Continue nipple up BOPs as per Foragaz procedures, repair leaks in accumulator.
13:15			Test BOP's and Manifold 1500kPa low and 10350kPa high, 10min for each function
			#1 Blind Rams Casing, outside Kill Line & Inside HCR
			#2 Blind Rams Inside Kill Lines & # 7, 8, 9 Back Valves In Manifold.
			#3 Inside Manifold Valves #3, 6, 10
			#4 Both Chokes & # 10 Valves.
	19:45		#5 Valves #2, 3, 10. Blow Sweep Lines & Manifold With Air.
19:45	22:30	149	M/U 8.5" BHA and RIH to 149m.
22:30	0:00	149	Continue BOP's Test 1500kPa Low and 10350kPa high, 10min for each function
			#6 pipe rams, rig floor safety valve (Stab-in Valve).
			Note: - BOP tests have been witnessed by an independant 3rd party. A detailed report will be submitted when available.
			- Visit from A. Peddigrew (DNR)

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00		149	Continue BOP's Test 1500kPa Low and 10350kPa high, 10min for each function
			#7 Annular and TDS BOP.
	0:45		Perform BOP drill 75secs.
0:45	2:15	159	Break circulation with 0.42m^3/min, tag float @ 159.7m w/ 1.4daN WOB.
			Commence drill shoe track with 1-2daN WOB 1m3/min with 1500kPa pressure, 40-50 RPM, 38daN up/down/rot weight.
2:15	4:00	168	Drill new formation from 162.15m to 167.41m with 3-4daN WOB 1m3/min with 1500kPa pres., 60-50 RPM, 38daN up/down/rot weight.
4:00	5:00	168	Rig up for LOT, observe problem with EDR sensor, remove sensor, fault found: sensor partially frozen. Install sensor, working OK.
5:00	5:30	168	Perform LOT and record pressures, observe Leak Off @ 4422kPa surface applied pressure, fluid density @ LOT=1010kg/m^3 (168mKB).
5:30	6:00	169	Drill new formation from 167.45m to 169m with 3-4daN WOB 1m3/min with 1500kPa, 60-50 RPM, 38daN up/down/rot weight.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU BOPs	10.75	Directional Survey		Cementing	
WOW		Slip/cut line		Test BOPs	7.5	Squeeze		Tripping	2.75
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	0.5	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	2.5	Hole Cleaning			

24 HOURS FORECAST

Drill out shoe track, perform LOT and drill ahead. TD 216mm hole section, run casing and cement.

Date : 26/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3**

Coord: 384992
NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	16		[kg/m^3]
Mud Co	Halliburton		Sands			[ppm]
Time Check	7:00		OWR			[%]
Mud Man	Lloyd		MBT			[kg/m^3]
			Cl-	9000		[mg/L]
Density	1010	[kg/m^3]	Calcium	1320		[mg/L]
Viscosity	32	[s/l]				
P.V.		[cp]				
Y.P.		[g/100cm^2]				
Gels 10"/10'						
Temperature						
Pressure						
pH	10					

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$995.00	
Cum Mud Cost	$17,653.82	

ADDITIVES ADDED

NAME	Quantity	Concentration
SALT	4	
XL Defoamer	1	

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	216mm Smith bit	59	216	0.25	4.5"Reg	
2	near bit Stab	59	213.7	1.74	4.5RX4.5 IF	
3	X/O 4 1/2" IF pin X 5H90 box	60	159	0.68		37.4kgs/m
4	10 X 6 1/4" DCs	60	159	89.09	5H90 p/b	37.4kgs/m
5	X/O 5H90pin X 3 1/2" IF box	60	159	0.93		20kgs/m
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate			[m^3/min]
Pump Eff	90	90	[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m^3]
Hole Volume	6.35	[m^3]
System Vol.		[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	11/12/2012	

BITS

Bit		N°
Size	216	[mm]
Mfg	Smith	-
Type	FHi21B	-
Serial	PT5357	-
Nozzle	14	[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96		96	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
GYPSUM	20		20	sacs
BICARB OF SODA	16		16	sacs
N VIS P PLUS	15		15	sacs
CELLOSIZE	80	29	51	sacs
SALT COLORED	210	4	206	sacs
Fuel	19824	8792	11032	liters
Drill Water	275	175	100	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	2	14	5gal pails
Pot Water	15	6	9	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date		
grade	J-55	-	grade		-
diam	244.48	[mm]	diam		[mm]
Lin Weight	59.53	[kg/m]	Lin Weight		[kg/m]
Nb Joint	12	-	Nb Joint		-
Set at	162	[m]	Set at		[m]
Length	162.76	[m]	Length		[m]
Burst	27200	[kPa]	Burst		[kPa]
Collapse	17720	[kPa]	Collapse		[kPa]
Tensile	231300	[daN]	Tensile		[daN]
TEST			TEST		
Date			Date		
Pressure		[kPa]	Pressure		[kPa]
Last Cement	9-5/8'' casing		***Last Cement***		
Date	25/11/2012		Date		
Class	G		Class		
Density	1895	[kg/m^3]	Density		[kg/m^3]
Volume	9.9	[m^3]	Volume		[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives		

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD		[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 18

INVESTCAN Energy Corp

Date : 27/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*cloudy*	mKB	107.5	Daily MD	214	Daily Costs	$108,824 est.
Wind	30km/h	mGL	103.18	Total MD	214	Cum Costs	
Temperature	-2 degC	24h Avg ROP	7m/h	Expected MD	600	AFE	

Summary of Daily Operations Drill out shoe track, perform LOT and drill ahead / TD 216mm hole section, run casing.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	4	IEC	0		
Rig	8	Rig	1	Tool Push injured while moving jars. Injury sustained to left thigh. Worker returned to work.	
Others	3	Others	0		
Total	15	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case	432		
Hrs since last Lost Time Incident	432		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 6:45 @ 18:45 @

Topics: Running casing pinch point
Pressure Testing Cement lines
Slips and trips in cellar while N/U BOPs

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00			Continue BOP's Test 1500kPa Low and 10350kPa high, 10min for each function
	0:45		#7 Annular and TDS BOP. Perform BOP drill 75secs.
0:45			Break circulation with 0.42m3/min, tag float @ 159.7m w/ 1.4daN WOB.
	2:15		Commence drill shoe track with 1-2daN WOB 1m3/min with 1500kPa pressure, 40-50 RPM, 38daN up/down/rot weight.
2:15	4:00	167	Drill 216 mm Hole from 162m to 167 m with 3-4daN WOB 1m3/min with 1500kPa pressure, 60-50 RPM, 38daN up/down/rot weight.
4:00	5:00		Rig up for LOT, observe problem with EDR sensor, remove gauge sensor, fault found: partially frozen. Install sensor, working OK.
5:00	5:30		Perform LOT and record pressures, observe Leak Off @ 4422kpa surface applied pressure, fluid density @ LOT=1010kg/m3.
5:30	6:45	174	Drill 216 mm Hole from 167 m to 174 m with 4-6daN WOB 1m3/min with 1500kPa pressure, 60-70 RPM, 38daN up/down/rot weight.
6:45	7:00		Safety Meeting.
7:00	7:15	174	Held BOP drill men in position & well secured in 58 secs.
7:15	14:15	214	Drill 216 mm Hole from 174 m to 214 m with 6-8daN WOB 1m3/min with 1500 kPa pressure, 70-80 RPM, 38daN up/dwn/rot weight.
14:15	15:15	214	Circulate & Work Pipe @ 214 m.
15:15	16:00	214	Deviation Survey @ 213 m 3.25 deg.
16:00	16:15	214	Circulate & Work Pipe @ 214 m.
16:15	18:30	214	Trip Out Of Hole & Lay Down BHA.
18:30	19:00	214	Tool Box Talk. Rig Up to run casing.
19:00	19:15	214	Held Safety Meeting w/ Tong Hand & rig crew (running 177.8 mm prod casing).
19:15	20:30	214	Run 18 Jts 177.8 mm 34.22 Kg/m J-55 LT&C Total Length 215.69 m.
20:30	0:00	214	Circulate & work Casing string (wait on Halliburton Cementers).

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:15	214	Halliburton on location @ 00:00hrs. Rig in Halliburton cementers to cement production casing.
2:15	2:30		Hold TBT with crew prior to cement operations.
2:30			Pumped 4m^3 H_2O, pressure test surface lines to 14000kPa. Pumped 6T, 6.3m^3 Class G w/40% Silica Flour & 2% CaCl @ 1880kgs/m^3,
	3:45		drop plug and displace w/4.3m3 H2O. Bump plug with 3500kPa over/bleed off floats held OK.
3:45	4:15		Flush BOP stack and rig out Halliburton cementers.
4:15	6:00		Nipple down BOPs set slips in full tension, cut and flare casing.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling	10
Rig Move		Rig Repair		NU BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Test BOPs	1.5	Squeeze		Tripping	2.25
Coring		Survey	0.75	Drill Out	1.5	Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	0.5	LOT/FIT	1	**DOWNTIME**	**0**
Cond		Run Casing	1.75	Handle		Hole Cleaning	4.75		

24 HOURS FORECAST

M/U and RIH 6-1/8'' BHA, drill out shoe track and 2m of new formation. Perform FIT/LOT. POOH.

Date : 27/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	41		[kg/m^3]
Mud Co	Halliburton		Sands			[ppm]
Time Check	9:00		OWR			[%]
Mud Man	Lloyd		MBT			[kg/m^3]
			Cl-	12000		[mg/L]
Density	1025	[kg/m^3]	Calcium	2600		[mg/L]
Viscosity	32	[s/l]				
P.V.		[cp]				
Y.P.		[g/100cm^2]				
Gels 10"/10'						
Temperature						
Pressure						
pH	11					

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$2,057.64	
Cum Mud Cost	$19,711.82	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	216mm Smith bit	59	216	0.25	4.5"Reg	
2	near bit Stab	59	213.7	1.74	4.5RX4.5 IF	
3	X/O 4 1/2" IF pin X 5H90 box	60	159	0.68		37.4kgs/m
4	10 X 6 1/4" DCs	60	159	89.09	5H90 p/b	37.4kgs/m
5	X/O 5H90pin X 3 1/2" IF box	60	159	0.93		20kgs/m
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate			[m^3/min]
Pump Eff	90	90	[%]
Pump Press	1500		[kPa]
Drillpipe AV	36		[mm]
Drill Collar AV	59		[mm]

Circuit			
	Mud Cycle	4	[min]
	Bottom Up	3	[min]
	Mud Tank	36	[m^3]
	Hole Volume	6.35	[m^3]
	System Vol.	43	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation
15:15	214			3.25	

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit	2	N°	
Size	216		[mm]
Mfg	Smith		-
Type	FHi21B		-
Serial	PT5357		-
Nozzle	11.1*3		[mm^2]
WOB	5		[daN]
RPM	70-80		[tr/min]
Flow			[gal/s]
Pres	4000		[kPa]
From	162		[m]
To	214		[m]
Drilled	52		[m]
Hours	10.25		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96		96	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
GYPSUM	20		20	sacs
BICARB OF SODA	16		16	sacs
N VIS P PLUS	15		15	sacs
CELLOSIZE	80	29	51	sacs
SALT COLORED	210	4	206	sacs
Fuel	19824	9548	10276	liters
Drill Water	275	175	100	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	2	14	5gal pails
Pot Water	21	11	10	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date		
Pressure	10350	[kPa]	Pressure		[kPa]
Last Cement	9-5/8" casing		***Last Cement***		
Date	25/11/2012		Date		
Class	G		Class		
Density	1895	[kg/m^3]	Density		[kg/m^3]
Volume	9.9	[m^3]	Volume		[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives		

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD		[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

INVESTCAN Energy Corp

DAILY DRILLING REPORT N° 19

Date : 28/11/2012
Well : Gobineau#1
Rig : Foragaz#3

Spud : 10/11/2012

Coord: 384992
NAD 27 5357531

Weather @ 8:00	*cloudy*	mKB	107.5	Daily MD	214	Daily Costs	$51,000 est.
Wind	30km/h	mGL	103.18	Total MD	214	Cum Costs	
Temperature	-2 degC	24h Avg ROP	7m/h	Expected MD	600	AFE	

Summary of Daily Operations Drill out shoe track, perform LOT and drill ahead / TD 216mm hole section, run casing.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	4	IEC	0	Tool Push under medical review.	
Rig	8	Rig	1		
Others	3	Others	0		
Total	15	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case 24
Hrs since last Lost Time Incident 456

H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 2:30 @ 7:00 @

Topics: Slippery conditions
Pressure Testing Cement lines
Slips and trips in cellar while LOT/FIT

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:30	214	Halliburton on location @ 00:00hrs. Rig in Halliburton cementers to cement production casing.
2:30	2:45	214	Hold TBT with all involved personel prior to cement operations (Halliburton & Rig Crew).
2:45	3:45	214	Pumped 3m3 H2O, pressure test surface lines to 17000kPa. Pumped 8.4T, 6.5m3 Thermacem40 Class G w/40% Silica Flour & 2% CaCl @ 1860kgs/m3, drop plug and displace w/4.2 m3 H2O. Bumped Plug 3500 Kpa over floats and annular; held OK. 2m3 cement returns plug down @ 03:24 Hrs flush BOP Stack & Rig out cementers.
3:45	7:00	214	Nipple down BOPs set slips in full tension, cut and flare casing.
7:00	7:15	214	Prejob Safety Meeting on nipple up BOPs.
7:15	11:45	214	Nipple up BOPs & Install flow line / ram doors and chain stack / Fix Vdoor Bump Rail.
11:45	14:00	214	Pick Up & Make Up BHA & Run In 5 Stds & 1 Single DP to 192 m.
14:00	15:00	214	Try and break circulation (Plugged)
15:00	17:00	214	POOH & Unplug nozzles and bit f/ scale from collars. Clean & run back In to 193 m. Functioned pipe rams.
17:00	20:00	214	Attempt to pressure test (Lay Down 1 DP Seal Leaking) thaw out valves for pressure testing.
20:00	21:00	214	Pressure test 177.8mm casing 1500kPa low, remove pressure test manifold and thaw prior to performing high test.
21:00	0:00		Observe ice in wash down pump, thaw out hose and the test manifold. Pressure test 177.8mm casing 10350kPa high.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:30	214	Rig down casing test equipment, M/U DP to TDS and string.
0:30	2:30		Break circulation @ 0.48m3/min, RIH and tag float collar @ 206.6m. Drill out cement from 202.6m to 213.4m with 0.65m3/min, 3daN WOB 75RPM.
2:30	3:30		Problem with rig air, fault find and observe air freeze up, thaw air lines.
3:30	3:45		Drill out cement from 213.38m to 214.38m with 5233kPa pressure @ 0.9m3/min, 3daN WOB 75RPM.
3:45	4:15	216	Drill new formation from 214.38m to 216.38m with 3daN WOB 5233kPa pressure @ 0.9m3/min w/ 75RPM
4:15	5:00	216	Circulate well clean for LOT/FIT test.
5:00	6:00	216	Perform FIT/LOT as per program. Mud Density @ Test=1070kgs/m^3, surface applied pressure= 4231kPa, 30.26kPa/m formation strength.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs	7.75	Directional Survey		Cementing	3.5
WOW		Slip/cut line		Pressure tests	7	Squeeze		Tripping	4.25
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	0.5	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	1	Hole Cleaning			

24 HOURS FORECAST

Drill out shoe track. Perform LOT/FIT test POOH and R/U for core operations.

Date : 28/11/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	65		[kg/m^3]
Mud Co	Halliburton		Sands			[ppm]
Time Check	9:00		OWR			[%]
Mud Man	Lloyd		MBT			[kg/m^3]
			Cl-	12000		[mg/L]
Density	1040	[kg/m^3]	Calcium	940		[mg/L]
Viscosity	40	[s/l]				
P.V.	8	[cp]				
Y.P.	4	[g/100cm^2]				
Gels 10"/10'						
Temperature						
Pressure						
pH	7.5					

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$9,790.41	
Cum Mud Cost	$29,502.23	

ADDITIVES ADDED

NAME	Quantity	Concentration
N DRILL LO	4	
SALT	6	

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	156 mm Smith bit	59	216	0.25	4.5"Reg	
2	Bit Sub	59	213.7	1.74	4.5RX4.5 IF	
3	10 x 4.75" DC 3.5 IF	60	159	0.68		37.4kgs/m
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate			[m^3/min]
Pump Eff	90	90	[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit

Mud Cycle		[min]
Bottom Up		[min]
Mud Tank		[m^3]
Hole Volume		[m^3]
System Vol.		[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit	2	3	N°
Size	216	156	[mm]
Mfg	Smith	Smith	-
Type	FHi21B	XR20W	-
Serial	PT5357	PW0901	-
Nozzle	11.1*3	3*9.5	[mm^2]
WOB	5		[daN]
RPM	70-80		[tr/min]
Flow			[gal/s]
Pres	4000		[kPa]
From	162		[m]
To	214		[m]
Drilled	52		[m]
Hours	10.25		[hrs]

STOCK

Name	In	Used	Stock	Unit
Barite	96		96	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
GYPSUM	20		20	sacs
BICARB OF SODA	16		16	sacs
N VIS P PLUS	15		15	sacs
CELLOSIZE	80	33	47	sacs
SALT COLORED	210	10	200	sacs
Fuel	19824	11191	8633	liters
Drill Water	275	175	100	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	2	14	5gal pails
Pot Water	21	11	10	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date		
Pressure	10350	[kPa]	Pressure		[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Additives	3% CaCl2		Additives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 20

INVESTCAN Energy Corp

Date : 29/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*overcast/snow*	mKB	107.5	Daily MD	15	Daily Costs	$40,000 est.
Wind	20km/h	mGL	103.18	Total MD	229	Cum Costs	
Temperature	-3 degC	24h Avg ROP	4m/h	Expected MD	600	AFE	

Summary of Daily Operations Drill Out Float and Shoe. Drill 2m to perform FIT and LOT. M/U core barrels and RIH and core to 227m

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	6	IEC	0	Tool Push second medical check. OK to work light duty.	
Rig	9	Rig	1		
Others	4	Others	0		
Total	19	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case					48
Hrs since last Lost Time Incident					480
H_2S Level	0	Trip Drill			
CO_2 Level	0	Pit Drill			
Gas Level	0	BOP Drill			
Safety Meetings	@ 6:00	@ 7:00	@ 19:00		

Topics: Slippery conditions
High pressure testing, handling core barrels
Clearing snow from walk ways

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Fishell's Brook conglomerate
SHOWS : Yellow fluorescence

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:30	214	Break circulation @ 0.48m3/min, RIH and tag cement at 198 m Float Collar @ 202.7 m. Drill out from 198 to 213m w/ .65m3/min, 3daN WOB 75RPM.
2:30	3:30	214	Problem with rig air, fault find and observe air freeze up, thaw air lines.
3:30	3:45	214	Drill out cement from 213m to 214m with 5233kPa pressure @ 0.9m3/min, 3daN WOB 75RPM. Shoe at 214m.
3:45	4:15	216	Drill new formation from 214 m to 216 m with 3daN WOB 5233 kPa pressure @ 0.9m3/min w/ 75RPM.
4:15	4:45	216	Circulate well clean for LOT/FIT test.
4:45	6:00	216	Perform FIT/LOT as per program. Mud Density @ Test=1070kgs/m3, surface applied pressure= 4231kPa.
6:00	6:15	216	Safety Meeting prior to tripping out of hole
6:15	7:00	216	Trip Out Of Hole w/ 156mm BHA from 216m
7:00	7:15	216	Safety Meeting (Crew Handover Meeting).
7:15	7:30	216	Trip Out Of Hole from core barrels
7:30	7:45	216	Rig Service & Function Blind Rams (Close 4 Secs)
7:45	8:00	216	Pre Job Safety Meeting w/ Baker Hughes
8:00	11:30	216	Pick Up and Make Up Core barrel assembly
11:30	13:00	216	Trip In Hole with core barrels to 197 m
13:00	14:00	216	Circ & Clean Hole / Drop Ball
14:00	17:45	229	Cut core # 1 from 216 to 229 m 13 m Cut
17:45	19:00	229	POOH to retrieve core
19:00	19:15	229	Safety Meeting Prior To L/O core barrels.
19:15	20:00	229	L/O core barrels, 12.7m recovered 97.6%.
20:00	22:30	229	Pick Up & Make Up core barrel assembly.
22:30	0:00	229	RIH with core barrels on 101mm DP to 227m.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:15		Circ & Clean Hole / Drop Ball
0:15	6:00		Cut core #2 from 229 to 254 m cut.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance	0.25	WOC		Well Control		Drilling	0.5
Rig Move		Rig Repair	1	NU/ND BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Pressure tests		Squeeze		Tripping	5.25
Coring	3.75	Survey		Drill Out	2.75	Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	1	LOT/FIT	1.25	**DOWNTIME**	**0**
Cond		Run Casing		Handle	6.75	Hole Cleaning	1.5		

24 HOURS FORECAST

Continue to core hole section from 229m

Date : 29/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	130		[kg/m^3]	**ADDITIVES ADDED**		
Mud Co	Halliburton		Sands			[ppm]	NAME	Quantity	Concentration
Time Check	7:00		OWR			[%]	BICARBONATES	10	
Mud Man	Lloyd		MBT			[kg/m^3]	B-1008	2	
			Cl-	43000		[mg/L]	N VIS P PLUS	3	
Density	1080	[kg/m^3]	Calcium	1800		[mg/L]	N DRILL LO	15	
Viscosity	45	[s/l]	**Volumes Balance**				SALT	60	
P.V.	8	[cp]	Vol hauled		[m^3]		XL Defoamer	2	
Y.P.	5	[g/100cm^2]	Vol dumped		[m^3]		CW 8551-3	4	
Gels 10"/10'			Circ loss		[m^3]		**COMMENTS**		
Temperature			Boiler loss		[m^3]				
Pressure			**Daily Mud Cost**	$2,639.10					
pH	10		**Cum Mud Cost**	$32,141.33					

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	Core Bit	76	156	0.46		
2	Core Barrel	136	145	58.19		
3	Jars	51	121	2.16	3 1/2 IF	37.4kgs/m
4	Cross Over	58	121	0.78	3 1/2 IF	37.4kgs/m
5	10 4.75 DC 31/2 IF	60	121	89.8	3 1/2 IF	20kgs/m
	BHA CORE RUN # 2					
1	Core Bit	76	156	0.46		
2	Core Barrel	136	145	30.74		
3	Jars	51	121	2.16	3 1/2 IF	37.4kgs/m
4	Cross Over	58	121	0.78	3 1/2 IF	37.4kgs/m
5	10 4.75 DC 31/2 IF	60	121	89.8	3 1/2 IF	20kgs/m

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM	75		-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate	0.9		[m^3/min]
Pump Eff	90	90	[%]
Pump Press	5233		[kPa]
Drillpipe AV	78		[mm]
Drill Collar AV	108		[mm]

Circuit			
	Mud Cycle		[min]
	Bottom Up		[min]
	Mud Tank	37	[m^3]
	Hole Volume	6.35	[m^3]
	System Vol.	43	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit	3	4	N°
Size	156	156	[mm]
Mfg	Smith	Bhughes	-
Type	XR20W	BHC406c	-
Serial	PW0901	7140869	-
Nozzle	3*9.5		[mm^2]
WOB	3	2.5	[daN]
RPM	75	70	[tr/min]
Flow			[gal/s]
Pres	5235	2200	[kPa]
From	214	216	[m]
To	216	229	[m]
Drilled	2	13	[m]
Hours	0.5	3.5	[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	4	8	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	2	2	20l pals
BICARB OF SODA	16	10	6	sacs
N VIS P PLUS	15	3	12	sacs
CELLOSIZE	80	48	32	sacs
SALT COLORED	210	70	140	sacs
Fuel	19824	11332	8492	liters
Drill Water	275	185	90	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	4	12	5gal pails
Pot Water	21	11	10	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8" casing		***Last Cement***	7" casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 21

INVESTCAN Energy Corp

Date : 30/11/2012
Well : Gobineau#1
Rig : Foragaz#3
Spud : 10/11/2012
Coord: 384992
NAD 27 5357531

Weather @ 8:00	*overcast/snow*	mKB	107.5	Daily MD	33	Daily Costs	$60,000 est.
Wind	20km/h	mGL	103.18	Total MD	262	Cum Costs	
Temperature	-6 degC	24h Avg ROP	5m/h	Expected MD	600	AFE	

Summary of Daily Operations Blow out manifold lines with steam and fill up with antifreeze
Blow out pump bleed off line. Continue to core hole section.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	6	IEC	0		
Rig	9	Rig	0		
Others	4	Others	0		
Total	19	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case	72
Hrs since last Lost Time Incident	504
H_2S Level	0
CO_2 Level	0
Gas Level	0
Trip Drill	
Pit Drill	
BOP Drill	

Safety Meetings @ 7:00 @ 19:15 @
Topics: Cold weather, drifting pipe in derrick
Handling core barrels / tripping
Clearing snow from walk ways

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Fishell`s Brook conglomerate
SHOWS : Yellow fluorescence

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:15	229	Circ & Clean Hole / Drop Ball
0:15	6:30	255	Cut core #2 from 229 to 255 m cut 26m (Jammed)
6:30	7:00	255	Pull Out Of Hole with Flow Checks
7:00	7:15	255	Hand over Safety Meeting.
7:15	9:00	255	Trip Out Of Hole w/ Core # 2
9:00	10:00	255	Handle Core Bbls & Lay Out Inner Bbls Cut 25.9 m (24.85 m recovered 95.95%).
10:00	13:00	255	Blow Out Manifold Lines w/ Steam & Fill w/ Antifreeze /Blow Out Pump Bleed Off Line.
13:00	15:00	255	Move Core Bbl In Derrick & Trip In Hole w/ Tricone Bit
15:00	15:15	255	Circulate and clean hole to 255.5 m
15:15	15:30	255	Survey @ 251 m 2.75 Deg
15:30	15:45	255	Circ and work pipe
15:45	17:00	255	Pull Out Of Hole with flow checks
17:00	18:15	255	Make Up Bit and handle core barrels.
18:15	19:15	255	Trip In Hole with core barrels to 253m.
19:15	19:30	255	Safety Meeting with crew
19:30	20:30	255	Circ & Clean Hole / Drop Ball
20:30	22:00	262	Cut core #3 from 255.5 to 262.7 m, cut 7.2m (Jammed).
22:00	0:00	262	Trip Out Of Hole with flow checks.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	1:30		Handle core barrels & Lay Out Inner Barrels core # 3. Cut 7.2m, 5.7m Recovered (79% recovery). Break down core bit L/O core barrels.
1:30	5:15		Trip In Hole with tricone bit to 260m. Drift pipe while RIH, layed out 3 singles of DP. Picked up 4 DP.
5:15	6:00		Circulate and clean hole to 262.7m.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance	3	WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Pressure tests		Squeeze		Tripping	8.5
Coring	7.75	Survey	0.25	Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	0.5	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	2.25	Hole Cleaning	1.75		

24 HOURS FORECAST

RIH and circulate well clean. Wait on core bit, continue core hole section from 262.7m

Date : 30/11/2012 **Well : Gobineau#1** **Rig : Foragaz#3** **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	130		[kg/m^3]
Mud Co	Halliburton		Sands			[ppm]
Time Check	0:00		OWR			[%]
Mud Man	Lloyd		MBT			[kg/m^3]
			Cl-	40000		[mg/L]
Density	1070	[kg/m^3]	Calcium	1520		[mg/L]
Viscosity	58	[s/l]				
P.V.	26	[cp]				
Y.P.	7	[g/100cm^2]				
Gels 10"/10'						
Temperature						
Pressure						
pH	10					

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$1,353.00	
Cum Mud Cost	$33,494.33	

ADDITIVES ADDED

NAME	Quantity	Concentration
BICARBONATES	6	
B-1008		
N VIS P PLUS	4	
N DRILL LO	2	

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	**Core Bit**	76	156	0.46		
2	**Core Barrel**	136	145	30.74		
3	**Jars**	51	121	2.16	3 1/2 IF	37.4kgs/m
4	**Cross Over**	58	121	0.78	3 1/2 IF	37.4kgs/m
5	**10 4.75 DC 31/2 IF**	60	121	89.8	3 1/2 IF	20kgs/m

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM	62		-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate	0.9		[m^3/min]
Pump Eff	90	90	[%]
Pump Press	1410		[kPa]
Drillpipe AV	77		[mm]
Drill Collar AV	108		[mm]

Circuit			
	Mud Cycle	41	[min]
	Bottom Up	3	[min]
	Mud Tank	33	[m^3]
	Hole Volume	3.5	[m^3]
	System Vol.	36.5	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation
	251			2.75	

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit	5	6	N°
Size	156	156	[mm]
Mfg	Bhughes	Bhughes	-
Type	BHC406c	BHC406c	-
Serial	7140871	7140868	-
Nozzle	-	-	[mm^2]
WOB	2.5	2.5	[daN]
RPM	70	70	[tr/min]
Flow			[gal/s]
Pres	2400	1410	[kPa]
From	229	255	[m]
To	255	262.7	[m]
Drilled	26	7.2	[m]
Hours	6.25	2.5	[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	4	8	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	2	2	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	7	8	sacs
CELLOSIZE	80	50	30	sacs
SALT COLORED	210	70	140	sacs
Fuel	32140	13606	18534	liters
Drill Water	275	185	90	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	4	12	5gal pails
Pot Water	21	22	-1	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 22

INVESTCAN Energy Corp

Date : 01/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*overcast/snow*	mKB	107.5	Daily MD	0	Daily Costs	$31,000 est.
Wind	15km/h	mGL	103.18	Total MD	262	Cum Costs	
Temperature	-7 degC	24h Avg ROP		Expected MD	600	AFE	

Summary of Daily Operations Blow out manifold lines with steam and fill up with antifreeze
Blow out pump bleed off line. Continue to core hole section

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	5	IEC	0		
Rig	9	Rig	0		
Others	3	Others	0		
Total	17	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614		
Company man	Wade Augot	1709 691 9123		
Rig Manager	Ernie Leroux	1403 874 5812		

Hrs since last Medical Treatment Case	96		
Hrs since last Lost Time Incident	528		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 7:00 @ 19:00 @ 21:00
Topics: Cold weather, proper PPE while using hand tools
Handling core barrels / tripping
Installing tarps around monkey board and rig floor

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Fishell`s Brook conglomerate
SHOWS : Yellow fluorescence

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	1:30	262	Handle Core Bbls & Lay Out Inner Bbls Core # 3. Cut 7.2m, 5.7m Recovered (79% Recovery). Break down Core bit L/O core barrels .
1:30	5:15	262	Trip In Hole with tricone bit to 260m. Drift pipe while RIH, layed out 3 singles of DP. Picked up 4 DP.
5:15	19:30	262	Circulate and clean hole to 262.7m (Wait On Core Bit). Work Pipe & Circ.
19:30	20:45	262	Trip Out Of Hole with flow checks. Lay out 5 singles.
20:45	21:00	262	Rig service & function blind rams (close in 4 secs)
21:00	21:15	262	Hold TBT with crew prior to P/U core bbls.
21:15	22:45	262	M/U core bit and RIH with barrels, core Run # 4. M/U inner core barrels with ball in place.
22:45	0:00	262	Trip In Hole with core barrels to 260m.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	1:15	265	Cut core #4 from 262.7m to 265.2m Cut 2.5m w/ 55-60 RPM, 0.5-2daN WOB w/ 2380kPa (jammed).
1:15	1:30	265	Circulate bottom up prior to tripping.
1:30	1:45	265	Flow check well, well static.
1:45	3:15	265	Trip Out Of Hole with core Run # 4.
3:15	4:00	265	Handle Core Bbls & Lay Out Inner Bbls, 2.5m recovered (100% Recovery). Remove bit and Dull Grade 51.
4:00	5:15	265	Handle core barrels and M/U core bbls, core Run #5. M/U inner core barrels with ball in place.
5:15	6:00	265	Trip In hole with core barrels.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance	0.25	WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Pressure tests		Squeeze		Tripping	6.25
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	0.25	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	3	Hole Cleaning	14.25		

24 HOURS FORECAST

Continue core hole section from 262.7m.

Date : 01/12/2012 **Well : Gobineau#1** **Rig : Foragaz#3**

Coord: 384992
NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		
Mud Co	Halliburton		
Time Check	6:30		
Mud Man	Lloyd		
Density	1075		[kg/m^3]
Viscosity	58		[s/l]
P.V.	22		[cp]
Y.P.	6		[g/100cm^2]
Gels 10"/10'			
Temperature			
Pressure			
pH	10		

Solids	130		[kg/m^3]
Sands			[ppm]
OWR			[%]
MBT			[kg/m^3]
Cl-	46000		[mg/L]
Calcium	1460		[mg/L]

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$995.00	
Cum Mud Cost	$34,489.33	

ADDITIVES ADDED

NAME	Quantity	Concentration
BICARBONATES	10	

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	**156 mm Smith Tricone bit**	59	156	0.25	3.5"Reg	
2	**Bit Sub**	59	121	1.74	3.5RX3.5 IF	
3	**10 x 4.75" DC 3.5 IF**	60	121	89.09	3.5IF	
1	**Core Bit**	76	156	0.46		
2	**Core Barrel**	136	145	30.74		
3	**Jars**	51	121	2.16	3 1/2 IF	37.4kgs/m
4	**Cross Over**	58	121	0.78	3 1/2 IF	37.4kgs/m
5	**10 4.75 DC 31/2 IF**	60	121	89.8	3 1/2 IF	20kgs/m

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM	62		-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate	0.9		[m^3/min]
Pump Eff	90	90	[%]
Pump Press	1410		[kPa]
Drillpipe AV	77		[mm]
Drill Collar AV	108		[mm]

Circuit			
	Mud Cycle	41	[min]
	Bottom Up	3	[min]
	Mud Tank	33	[m^3]
	Hole Volume	3.5	[m^3]
	System Vol.	36.5	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit	6	7	N°
Size	156	156	[mm]
Mfg	Bhughes	Bhughes	-
Type	BHC406c	BHC406c	-
Serial	7140868	7140868	-
Nozzle	-	-	[mm^2]
WOB	2.5	2.5	[daN]
RPM	70	70	[tr/min]
Flow			[gal/s]
Pres	1410	1410	[kPa]
From	255	255	[m]
To	262.7	262.7	[m]
Drilled	7.2	7.2	[m]
Hours	2.5	2.5	[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	4	8	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	2	2	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	7	8	sacs
CELLOSIZE	80	50	30	sacs
SALT COLORED	210	80	130	sacs
Fuel	32140	16988	15152	liters
Drill Water	275	185	90	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	4	12	5gal pails
Pot Water	21	22	-1	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 23

INVESTCAN Energy Corp

Date : 02/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*overcast/snow*	mKB	107.5	Daily MD	19	Daily Costs	$48,500 est.
Wind	25km/h	mGL	103.18	Total MD	284	Cum Costs	
Temperature	-6 degC	24h Avg ROP	3.8 m/h	Expected MD	600	AFE	

Summary of Daily Operations Cut core from 262.7m to 284.5m

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	5	IEC	0		
Rig	9	Rig	0		
Others	4	Others	0		
Total	18	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case			120
Hrs since last Lost Time Incident			552
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 7:45 @ 19:45 @

Topics: Cold weather, BOP drills
Handling core barrels / Tripping
Function Motor kills / use of Fork lift

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Fishell`s Brook conglomerate
SHOWS : Light yellow fluorescence

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	1:15	265.2	Cut core #4 from 262.7m to 265.2m cut 2.5m with 55-60 RPM, 0.5-2daN WOB with 2380kPa (jammed).
1:15	1:30	265.2	Circulate bottoms up prior to tripping.
1:30	1:45	265.2	Flow check well, well static.
1:45	3:15	265.2	Trip out of hole with core Run # 4.
3:15	4:00	265.2	Handle core barrels and lay out inner barrels; 2.5m recovered (100% recovery). Remove bit and Dull Grade 51.
4:00	5:15	265.2	Handle Core barrels & M/U core barrels, core Run #5. M/U inner core barrels with ball in place.
5:15	6:15	265.2	Trip In Hole with core barrels.
6:15	7:45	266.5	Cut Core #5 from 265.2 to 266.5 m 1.3 m cut (jammed).
7:45	8:00	266.5	Safety Meeting prior to tripping.
8:00	9:15	266.5	Trip out of hole with core barrels with flow checks.
9:15	9:45	266.5	Recover core 1.3 m 100% recovery and handle core barrels and check bit.
9:45	10:00	266.5	Rig service and function Blind Rams (Close 4 Secs). Function motor kills (OK).
10:00	11:30	266.5	Handle core barrels running 18 m core barrels.
11:30	13:00	266.5	Trip In Hole with core barrels.
13:00	19:45	284.5	Cut Core # 6 from 266.5 to 284.5 m, 45 Rpm WOB 1-2 daN Pump Sks 72 with 2775 Kpa.
19:45	20:00	284.5	Flow check well, well static. Meanwhile hold Safety Meeting prior to tripping.
20:00	21:00	284.5	Trip Out Of Hole with core barrels with flow checks.
21:00	21:45	284.5	Handle core barrels core Run #6 / Lay Out Inner Barrels / Remove Bit & Inspect / Function Blind Rams Close 5 Secs. Recover 18m core (100% recovery).
21:45	22:30	284.5	Handle core barrels: make up bit and core barrels, core Run #7. M/U inner core barrels.
22:30	22:45	284.5	Held BOP drill men in position & well secured in 60 secs.
22:45	0:00	284.5	Trip In hole with core barrels core Run #7. Drop ball and M/U top drive.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	4:45		Cut Core #7 from 284.5 to 301 m, 45 Rpm WOB 1-2 daN Pump Sks 70 w/ 2685 Kpa. Cut 16.5m (jammed).
4:45	6:00		Trip out Core Run # 7 with flowchecks.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance	0.25	WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Pressure tests		Squeeze		Tripping	7.5
Coring	9.5	Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check	0.5	Pmp repair		Safety Meet	0.5	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	5.5	Hole Cleaning	0.25		

24 HOURS FORECAST

Continue core hole section from 284.5m

Date : 02/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	117		[kg/m^3]
Mud Co	Halliburton		Sands			[ppm]
Time Check	7:30		OWR			[%]
Mud Man	Lloyd		MBT			[kg/m^3]
			Cl-	47000		[mg/L]
Density	1080	[kg/m^3]	Calcium	1460		[mg/L]
Viscosity	53	[s/l]				
P.V.	21	[cp]				
Y.P.	6	[g/100cm^2]				
Gels 10"/10'						
Temperature						
Pressure						
pH	10					

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$995.00	
Cum Mud Cost	$35,484.33	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	**Core Bit**	76	156	0.46		
2	**Core Barrel**	136	145	29.59		
3	**Jars**	51	121	2.16	3 1/2 IF	37.4kgs/m
4	**Cross Over**	58	121	0.78	3 1/2 IF	37.4kgs/m
5	**10 4.75 DC 31/2 IF**	60	121	89.7	3 1/2 IF	20kgs/m

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM	62		-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate	0.9		[m^3/min]
Pump Eff	90	90	[%]
Pump Press	2290		[kPa]
Drillpipe AV	56		[mm]
Drill Collar AV	90		[mm]

Circuit			
	Mud Cycle	40	[min]
	Bottom Up	3	[min]
	Mud Tank	30	[m^3]
	Hole Volume	3.5	[m^3]
	System Vol.	33.4	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit	7	N°
Size	156	[mm]
Mfg	Bhughes	-
Type	BHC406c	-
Serial	7140868	-
Nozzle	-	[mm^2]
WOB	2.5	[daN]
RPM	70	[tr/min]
Flow		[gal/s]
Pres	1410	[kPa]
From	255	[m]
To	262.7	[m]
Drilled	7.2	[m]
Hours	2.5	[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	4	8	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	2	2	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	7	8	sacs
CELLOSIZE	80	50	30	sacs
SALT COLORED	210	80	130	sacs
Fuel	32140	17801	14339	liters
Drill Water	275	185	90	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	4	12	5gal pails
Pot Water	31	22	9	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 24

INVESTCAN Energy Corp

Date : 03/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*rain*	mKB	107.5	Daily MD	19	Daily Costs	$52,000 est.
Wind	5km/h	mGL	103.18	Total MD	320	Cum Costs	
Temperature	2 degC	24h Avg ROP	7 m/h	Expected MD	600	AFE	

Summary of Daily Operations Cut core from 284m to 320m. RIH with tricone, circulate and clean hole.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	5	IEC	0		
Rig	9	Rig	0		
Others	4	Others	0		
Total	18	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case	144		
Hrs since last Lost Time Incident	576		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 6:45 @ 17:00 @

Topics: BOP drills / Tripping pipe
Handling core barrels / First shift for new crew
Housekeeping

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Fishell`s Brook conglomerate
SHOWS : Discontinuous yellow fluorescence

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	4:45	301	Cut core #7 from 284.5 to 301.7 m, 45 Rpm WOB 1-2 daN Pump Sks 70 with 2685 Kpa. Cut 17.2m (jammed).
4:45	6:00	301	Trip out Core Run # 7 with flowchecks.
6:00	6:45	301	Handle ore Bbls /Lay Out Inner Bbls & Check Bit / Make Up Bit & Inner Bbls. Recovered 17.2m 100% recovery.
6:45	7:00	301	Safety Meeting & Function Blind Rams /Close 5 Secs
7:00	8:30	301	Trip In Hole w/ Core Bbls
8:30	13:30	320	Cut Core #8 from 301.7 to 319.8 m 45 Rpm WOB 1-2 daN Pump Sks 70 w/ 2500 Kpa. Cut 18.10m.
13:30	14:45	320	Trip Out core run # 8 with flowchecks.
14:45	15:45	320	Handle Core barrels /Lay Out Inner barrels & Check Bit 17.9m Core (98.9 % recovery).
15:45	17:00	320	Rig Service & function blind Rams Close 5 Secs. Change Oil in generator and change Shaker Springs.
17:00	17:15	320	Crew Change Safety Meeting.
17:15	18:30	320	Lay Out Coring Assembly.
18:30	19:00	320	Trip In Hole with tricone
19:00	19:15	320	Held BOP Drill While Tripping Well Secure in 62s.
19:15	19:45	320	Trip In Hole with tricone.
19:45	0:00	320	Circulate and condition mud, (wait on bit).

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	1:45		Circulate and condition mud, (wait on bit).
1:45	2:00		Safety meeting, flow check well, well static.
2:00	3:30		Trip out of hole with flowchecks.
3:30	5:15		Handle Core barrels: make up bit and core barrels, Core Run #9. M/U inner core barrels.
5:15	6:00		Trip In Hole with core barrels.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance	1.25	WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Pressure tests		Squeeze		Tripping	5
Coring	9.75	Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	0.75	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	3	Hole Cleaning	4.25		

24 HOURS FORECAST

POOH w/ 156mm tricone, continue core hole section from 320m. NOTE: received 53 jts of 2-3/8'' J55 tubing on location via Hunts Transport.

Date : 03/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water			Solids	130		[kg/m^3]
Mud Co	Halliburton			Sands			[ppm]
Time Check	7:00			OWR			[%]
Mud Man	Lloyd			MBT			[kg/m^3]
				Cl-	47000		[mg/L]
Density	1095		[kg/m^3]	Calcium	1360		[mg/L]
Viscosity	55		[s/l]				
P.V.	22		[cp]				
Y.P.	5.5		[g/100cm^2]				
Gels 10"/10'							
Temperature							
Pressure							
pH	10						

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$995.00	
Cum Mud Cost	$36,779.00	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	**Core Bit**	76	156	0.46		
2	**Core Barrel**	136	145	29.59		
3	**Jars**	51	121	2.16	3 1/2 IF	37.4kgs/m
4	**Cross Over**	58	121	0.78	3 1/2 IF	37.4kgs/m
5	**10 4.75 DC 31/2 IF**	60	121	89.7	3 1/2 IF	20kgs/m
1	**156 mm Smith Tricone bit**	59	156	0.25	3.5"Reg	
2	**Bit Sub**	59	121	1.74	3.5RX3.5 IF	
3	**10 x 4.75" DC 3.5 IF**	60	121	89.09	3.5IF	

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM	62		-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate	0.9		[m^3/min]
Pump Eff	90	90	[%]
Pump Press	2290		[kPa]
Drillpipe AV	56		[mm]
Drill Collar AV	90		[mm]

Circuit			
	Mud Cycle	40	[min]
	Bottom Up	3	[min]
	Mud Tank	30	[m^3]
	Hole Volume	3.5	[m^3]
	System Vol.	33.5	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit	7	8	N°
Size	156	156	[mm]
Mfg	Bhughes	Smith	-
Type	BHC406c	XR20W	-
Serial	7140870	PW0901	-
Nozzle	-	3 * 9.5	[mm^2]
WOB	2	0	[daN]
RPM	45	25	[tr/min]
Flow			[gal/s]
Pres	2290	5235	[kPa]
From	255	319	[m]
To	319.8	319	[m]
Drilled		0	[m]
Hours		0.5	[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	4	8	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	2	2	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	7	8	sacs
CELLOSIZE	80	50	30	sacs
SALT COLORED	210	80	130	sacs
Fuel	32140	19686	12454	liters
Drill Water	275	185	90	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	4	12	5gal pails
Pot Water	31	22	9	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

INVESTCAN Energy Corp

DAILY DRILLING REPORT N° 25

Date : 04/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*rain*	mKB	107.5	Daily MD	31	Daily Costs	$52,000 est.
Wind	10km/h	mGL	103.18	Total MD	351	Cum Costs	
Temperature	6 degC	24h Avg ROP	4.6m/h	Expected MD	600	AFE	

Summary of Daily Operations Continue to cut core from 320m to 351m

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	5	IEC	0		
Rig	9	Rig	0		
Others	4	Others	0		
Total	18	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case			168
Hrs since last Lost Time Incident			600
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 02:00 @ 08:00 @ 10:30 @ 12:00
Topics: Site Clean up tripping pipe, use of hand rails
Handling Core Barrels
Pinch points picking up tubulars

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Fishell`s Brook conglomerate
SHOWS : Some yellow fluorescence depending on lithology

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:00	320	Circulate and condition mud (wait on bit).
2:00	2:15	320	Safety meeting, flow check well, well static.
2:15	3:30	320	Trip out of hole with flowchecks.
3:30	5:15	320	Handle core barrels: make up bit & core barrels 36 m barrel, core run #9. M/U inner core barrels.
5:15	6:00	320	Trip In Hole with core barrels.
6:00	8:00	330	Cut Core # 9 from 319.8 to 330m (1 - 1.5 DaN WOB / 70 Sks, 4400 Kpa, Rpm 50).
8:00	8:15	330	Safety Meeting with crew on high pressure lines.
8:15	10:30	336.3	Cut Core # 9 from 330 to 336.3 m (jammed).
10:30	10:45	336.3	Pre-Job Safety Meeting (Tripping). Meanwhile flowcheck well, well static.
10:45	12:00	336.3	Trip Out Of Hole with flowchecks with core barrels.
12:00	12:15	336.3	Pre-Job Safety Meeting (laying down inner barrels).
12:15	13:45	336.3	Handle & Lay Out Inner barrels / Rack Back 18m Core Bbl / Pull Up & Inspect Bit
13:45	15:15	336.3	Evaluate core.
15:15	16:00	336.3	Handle Core barrels & Make Up Core barrels & Inner barrels.
16:00	17:30	336.3	Trip In Hole with core barrels.
17:30	0:00	351	Cut Core # 10 from 336.3 to 351 m (1 - 1.5 DaNWOB, 70 Sks, 5400 kPa, Rpm 50).

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	6:00		Cut Core # 10 from 351 to 368.86m (1 - 1.5 DaN WOB, 70 Sks , 5400 kPa, Rpm 50).

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Pressure tests		Squeeze		Tripping	4.75
Coring	10.75	Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check	0.25	Pmp repair		Safety Meet	0.75	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	5.5	Hole Cleaning	2		

24 HOURS FORECAST

Continue to cut core from 351m.

Date : 04/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water			Solids	130		[kg/m^3]
Mud Co	Halliburton			Sands			[ppm]
Time Check	7:15			OWR			[%]
Mud Man	Lloyd			MBT			[kg/m^3]
				Cl-	44000		[mg/L]
Density	1095		[kg/m^3]	Calcium	1360		[mg/L]
Viscosity	55		[s/l]				
P.V.	22		[cp]				
Y.P.	5.5		[g/100cm^2]				
Gels 10"/10'							
Temperature							
Pressure							
pH	9.5						

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$1,418.92	
Cum Mud Cost	$38,198.00	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	**Core Bit**	76	156	0.46		
2	**Core Barrel**	136	145	39.89		
3	**Jars**	51	121	2.16	3 1/2 IF	37.4kgs/m
4	**Cross Over**	58	121	0.78	3 1/2 IF	37.4kgs/m
5	**10 4.75 DC 31/2 IF**	60	121	89.7	3 1/2 IF	20kgs/m

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM	70		-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate	0.84		[m^3/min]
Pump Eff	90	90	[%]
Pump Press	5500		[kPa]
Drillpipe AV	68		[mm]
Drill Collar AV	94		[mm]

Circuit			
	Mud Cycle	40	[min]
	Bottom Up	3	[min]
	Mud Tank	30	[m^3]
	Hole Volume	3.5	[m^3]
	System Vol.	33.5	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit	8	9	N°
Size	156	156	[mm]
Mfg	Bhughes	Bhughes	-
Type	BHC406c	BHC406c	-
Serial	7140870	7140870	-
Nozzle	-	-	[mm^2]
WOB	1-1.5	1-1.5	[daN]
RPM	50	50	[tr/min]
Flow			[gal/s]
Pres	5400	6000	[kPa]
From	319.8	336.3	[m]
To	336.3	351	[m]
Drilled	16.5	14.7	[m]
Hours	4.25	6.5	[hrs]
Core Run	9	10	[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	4	8	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	2	2	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	7	8	sacs
CELLOSIZE	80	54	26	sacs
SALT COLORED	210	80	130	sacs
Fuel	32140	21864	10276	liters
Drill Water	275	185	90	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	4	12	5gal pails
Pot Water	41	32	9	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 26

INVESTCAN Energy Corp

Date : 05/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*cloudy/rain*	mKB	107.5	Daily MD	14	Daily Costs	est.
Wind	5 km/h	mGL	103.18	Total MD	386	Cum Costs	
Temperature	7 degC	24h Avg ROP	5m/h	Expected MD	600	AFE	

Summary of Daily Operations Cut core fr 351 - 386m, evaluate core.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	5	IEC	0		
Rig	9	Rig	0		
Others	4	Others	0		
Total	18	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case			192
Hrs since last Lost Time Incident			624
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 07:30 @ 19:00
Topics: BOP drills, use of hand rails
Handling core barrels, flow checks
Pinch points picking up tubulars

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Fishell`s Brook conglomerate
SHOWS : Yellow fluorescence

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	7:30	372	Cut Core # 10 from 351 to 372.47 m, 1 - 1.5 DaN WOB / 70 Sks 5400 kPa 50 Rpm.
7:30	7:45	372	Pre-Job Safety Meeting (Tripping Core barrels)
7:45	9:15	372	Trip Out Of hole with core barrels. Flow checks.
9:15	10:15	372	Handle Core barrels / Lay Out Inner Barrels /Pull Core barrels & Inspect Bit
10:15	10:30	372	Rig Service and Function Blind Rams (Close 5 Secs)
10:30	12:30	372	Evaluate Core and cut 36.1 m. Recovered 35.4 m (98.1 % recovery).
12:30	13:30	372	Make Up core barrels.
13:30	14:30	372	Trip In Hole with core barrels.
14:30	15:00	372	Circulate & Set Ball for coring
15:00	19:00	386	Cut Core # 11 from 372.47 to 386 m / 2 - 4.5 DaN WOB / 70 Sks 5400 kPa 50 Rpm / 13.53 m Cut (Jammed)
19:00	19:15	386	Safety Meeting on tripping / Flow Check
19:15	21:15	386	Trip Out Of hole with core barrels / Flow Checks
21:15	21:45	386	Handle Core barrels / Lay Out Inner Bbls /Pull Core barrels & Inspect Bit
21:45	0:00	386	Evaluate Core #11/ 13.53m cut, recovered 13.53m (100% recovery). Function blind rams close / close in 4secs.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:45	386	Make Up core barrels.
0:45	1:45	386	Trip In Hole with core barrels.
1:45	2:15	386	Circulate and seat ball for coring.
2:15	4:30	394	Cut Core # 12 from 386 to 394.2m / 2 - 4.5 DaN WOB / 70 Sks 5400 kPa 50 Rpm (Jammed).
4:30	6:00	394	Trip out of hole.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance	0.25	WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Pressure tests		Squeeze		Tripping	4.5
Coring	11.5	Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	0.5	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	6.75	Hole Cleaning	0.5		

24 HOURS FORECAST

RIH with core barrels and continue to core from 386m.

Date : 05/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	122		[kg/m^3]
Mud Co	Halliburton		Sands			[ppm]
Time Check	6:30		OWR			[%]
Mud Man	Lloyd		MBT			[kg/m^3]
			Cl-	44000		[mg/L]
Density	1100	[kg/m^3]	Calcium	1380		[mg/L]
Viscosity	52	[s/l]				
P.V.	21	[cp]				
Y.P.	5.5	[g/100cm^2]				
Gels 10"/10'						
Temperature						
Pressure						
pH	9.5					

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$1,418.92	
Cum Mud Cost	$39,617.00	

ADDITIVES ADDED

NAME	Quantity	Concentration
N DRILL LO	2	

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	**Core Bit**	76	156	0.46	HT12	
2	**Core Barrel**	136	145	39.89	HT12	
3	**Jars**	51	121	2.16	3 1/2 IF	37.4kgs/m
4	**Cross Over**	58	121	0.78	3 1/2 IF	37.4kgs/m
5	**10 4.75 DC 31/2 IF**	60	121	89.7	3 1/2 IF	20kgs/m

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM	70		-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate	0.84		[m^3/min]
Pump Eff	90	90	[%]
Pump Press	5500		[kPa]
Drillpipe AV	68		[mm]
Drill Collar AV	94		[mm]

Circuit			
	Mud Cycle	40	[min]
	Bottom Up	3	[min]
	Mud Tank	30	[m^3]
	Hole Volume	3.5	[m^3]
	System Vol.	33.5	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit	RR9	RR9	N°	
Size	156	156		[mm]
Mfg	Bhughes	Bhughes		-
Type	BHC406c	BHC406c		-
Serial	7140870	7140870		-
Nozzle	-	-		[mm^2]
WOB	1-1.5	2-4.5		[daN]
RPM	50	50		[tr/min]
Flow				[gal/s]
Pres	5400	6000		[kPa]
From	351	372		[m]
To	372	386		[m]
Drilled	21.5	13.5		[m]
Hours	14	18		[hrs]
Core Run	10	11		[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	4	8	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	2	2	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	7	8	sacs
CELLOSIZE	80	54	26	sacs
SALT COLORED	210	80	130	sacs
Fuel	32140	24261	7879	liters
Drill Water	275	185	90	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	4	12	5gal pails
Pot Water	41	32	9	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 27

INVESTCAN Energy Corp

Date : 06/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*cloudy/rain*	mKB	107.5	Daily MD	39	Daily Costs	$50,000 est.
Wind	35km/h	mGL	103.18	Total MD	425	Cum Costs	
Temperature	8 degC	24h Avg ROP	6m/h	Expected MD	600	AFE	

Summary of Daily Operations Cut core from 386-425m, evaluate core. Had a rig inspection from OH&S Dec 6th / 2012 at 9:00.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	3	IEC	0		
Rig	9	Rig	0		
Others	5	Others	0		
Total	17	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case			216
Hrs since last Lost Time Incident			648
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 14:30 @ 19:00
Topics: BOP drills, use of hand rails
Handling core barrels, flow checks
Pinch points picking up tubulars

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Fishell`s Brook conglomerate
SHOWS : Yellow fluorescence

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:45	386	Make Up Core barrels from Run # 12
0:45	1:45	386	Trip In Hole with core barrels
1:45	2:15	386	Circulate and seat ball from coring.
2:15	4:30	394	Cut Core # 12 from 386 to 394.2m with 2 - 4.5 DaN WOB, 70 Sks, 5400 kPa, 50 rpm (jammed)
4:30	6:00	394	Trip out of hole with flow checks.
6:00	6:45	394	Handle core bbls & pull inner barrels
6:45	7:15	394	Evaluate Core: 7.4 m recovered.
7:15	7:30	394	Rig Service & Function Blind Rams close 5 Secs
7:30	8:30	394	Make Up Core barrels for Run # 13
8:30	9:00	394	Trip In Hole with core barrels
9:00	9:30	394	Rig Service (Generator & Fuel Hoses)
9:30	9:45	394	Trip In Hole with core barrels
9:45	10:30	394	Circulate and seat ball for coring.
10:30	14:30	404	Cut core # 13 from 394.2 to 404 m, 9.8 m, jammed with (2 - 4.5 DaN WOB / 70 Sks 6200 kPa RPM - 50).
14:30	14:45	404	Pre-Job Safety Meeting (Tripping)
14:45	16:15	404	Trip Out of hole with flow checks
16:15	17:00	404	Handle core barrels and pull Inner barrels / Inspect Bit
17:00	17:30	404	Evaluate Core / Cut 9.8 m, recovered 9.4 m (96% recovery).
17:30	18:15	404	Make Up Core barrels and Inner barrels.
18:15	19:00	404	Trip In Hole with core barrels Run #14
19:00	19:15	404	Pre-Job Safety Meeting "Install TD".
19:15	19:30	404	Circulate and seat ball for coring.
19:30	23:00	404	Cut Core # 14 from 404 to 425.15m with 2 - 4.5 DaN WOB / 62 Sks 5400 kPa RPM - 50/ Cut 21.15 m (jammed).
23:00	0:00	425	Trip out of hole with flow checks.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	1:00		Handle Core barrels & Pull Inner barrels / Inspect Bit.
1:00	3:45		Evaluate Core #14 / Cut 21.15 m recovered 21.15m (100% recovery).
3:45	4:45		Make Up Core barrels / Inner barrels.
4:45	6:00		Trip In Hole with core barrels Run#15

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance	0.75	WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Pressure tests		Squeeze		Tripping	6.5
Coring	9.75	Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	0.5	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	5	Hole Cleaning	1.5		

24 HOURS FORECAST

Continue to core from 425m to basement, drill 15-20m of basement with 6-1/8'' tricone.

Date : 06/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	78		[kg/m^3]
Mud Co	Halliburton		Sands			[ppm]
Time Check	7:00		OWR			[%]
Mud Man	Lloyd		MBT			[kg/m^3]
			Cl-	40000		[mg/L]
Density	1090	[kg/m^3]	Calcium	1360		[mg/L]
Viscosity	46	[s/l]				
P.V.	17	[cp]				
Y.P.	3.5	[g/100cm^2]				
Gels 10"/10'						
Temperature						
Pressure						
pH	9.5					

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$995.00	
Cum Mud Cost	$40,612.00	

ADDITIVES ADDED

NAME	Quantity	Concentration
N DRILL LO	3	

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	**Core Bit**	76	156	0.46	HT12	
2	**Core Barrel**	136	145	39.89	HT12	
3	**Jars**	51	121	2.16	3 1/2 IF	37.4kgs/m
4	**Cross Over**	58	121	0.78	3 1/2 IF	37.4kgs/m
5	**10 4.75 DC 31/2 IF**	60	121	89.7	3 1/2 IF	20kgs/m

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM	62		-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate	0.744		[m^3/min]
Pump Eff	90	90	[%]
Pump Press	6425		[kPa]
Drillpipe AV	60		[mm]
Drill Collar AV	88		[mm]

Circuit			
	Mud Cycle	40	[min]
	Bottom Up	5	[min]
	Mud Tank	36	[m^3]
	Hole Volume	6.5	[m^3]
	System Vol.	42	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit	RR9	RR9	N°	
Size	156	156		[mm]
Mfg	Bhughes	Bhughes		-
Type	BHC406c	BHC406c		-
Serial	7140871	7140871		-
Nozzle	-	-		[mm^2]
WOB	2-4.5	2-4.5		[daN]
RPM	50	50		[tr/min]
Flow				[gal/s]
Pres	6200	6450		[kPa]
From	394.2	404		[m]
To	404	425.15		[m]
Drilled	9,8	21.15		[m]
Hours	24.25	27.75		[hrs]
Core Run	13	14		[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	4	8	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	2	2	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	7	8	sacs
CELLOSIZE	80	54	26	sacs
SALT COLORED	210	80	130	sacs
Fuel	32140	24261	7879	liters
Drill Water	275	185	90	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	4	12	5gal pails
Pot Water	41	32	9	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 28

INVESTCAN Energy Corp

Date : 07/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*sunny clouds*	mKB	107.5	Daily MD	12	Daily Costs	$109,300 est.
Wind	35km/h	mGL	103.18	Total MD	437	Cum Costs	
Temperature	2 degC	24h Avg ROP	2 m/h	Expected MD	600	AFE	

Summary of Daily Operations Evaluate core#14 and cut core#15 from 425.2 to 430.2m. Evaluate core#15
Lay out coring assembly, trip in with tricone. Drill ahead in basement for rathole.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	4	IEC	0		
Rig	9	Rig	0		
Others	5	Others	0		
Total	18	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager	Ernie Leroux	1403 874 5812			

Hrs since last Medical Treatment Case	240		
Hrs since last Lost Time Incident	672		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 9:45
Topics: Slippery conditions, mixing chemicals
Handling Core barrels
Use of chop saw, cutting core

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY : Granite (70%) and mafic (30%) gneiss basement
SHOWS : Yellow fluorescence in fractures

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	1:00	425	Handle Core Bbls & Pull Inner Bbls. Inspect Bit
1:00	3:45	425	Evaluate Core #14, Cut 21.15 m, recovered 21.15m (100% recovery)
3:45	4:45	425	Make Up Core Bbls and Inner Bbls
4:45	6:00	425	Trip In Hole with core Bbls Run #15
6:00	9:45	430	Cut Core # 15 from 425.16 to 430.2 m. Cut 5 m (70 sks 8600 Kpa, 1.5 - 3.5 m/hr, 50 Rpm)
9:45	10:00	430	Pre-Job Safety Meeting
10:00	11:00	430	Trip Out Of Hole with Flow Checks
11:00	12:00	430	Handle Core Bbls and Pull Inner Bbls. Inspect bit
12:00	13:00	430	Evaluate Core #15.
13:00	13:30	430	Lay Out Coring Assembly
13:30	15:15	430	Make Up Tricone and BHA. Run In / Pick Up Singles
15:15	19:00	435	Drill 156 mm Hole from 430 to 434.51 m (70 Stks, 4700 Kpa, 5-6 DaN, 75 Rpm)
19:00	19:15	435	Service Rig (inspect mud pumps)
19:15	23:30	435	Drill 156 mm Hole from 430 to 437.17 m (70 Stks, 4700 Kpa, 5-6 DaN, 75 Rpm)
23:30	0:00	437	Trip Out Of Hole w/ Flow Checks bit change

Note: Schlumberger performed an audit of the well site integrity, with emphasis on handling, stepping and lifting of main rig contractor, as well as BOP testing compliance and trip in practices.
This audit was carried out for the benefit of Investcan Energy Corp and Foragaz only.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:30	437	Continue Trip Out Of Hole w/ Flow Checks Grade bit 66FCAEIWTPR /ROP .88m.
0:30	2:00	437	Trip in hole w/ new 156mm bit.
2:00	6:00	440	Drill 156 mm Hole f/ 437.15-440.58 m / 70 Stks 4700 Kpa / 5-6 DaN /75 Rpm

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance	0.25	WOC		Well Control		Drilling	8
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Pressure tests		Squeeze		Tripping	4.5
Coring	3.75	Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meet	0.25	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	7.25	Hole Cleaning			

24 HOURS FORECAST

Drill to TD, circulate and POOH to log

Date : 07/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	84	[kg/m³]
Mud Co	Halliburton		Sands		[ppm]
Time Check	7:00		OWR		[%]
Mud Man	Lloyd		MBT		[kg/m³]
			Cl-	40000	[mg/L]
Density	1100	[kg/m³]	Calcium	1360	[mg/L]
Viscosity	51	[s/l]			
P.V.	20	[cp]			
Y.P.	6	[g/100cm²]			
Gels 10"/10'					
Temperature					
Pressure					
pH	9.5				

Volumes Balance

Vol hauled		[m³]
Vol dumped		[m³]
Circ loss		[m³]
Boiler loss		[m³]
Daily Mud Cost	$2,605.48	
Cum Mud Cost	$43,854.00	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	**Core Bit**	76	156	0.46	HT12	
2	**Core Barrel**	136	145	39.89	HT12	
3	**Jars**	51	121	2.16	3 1/2 IF	37.4kgs/m
4	**Cross Over**	58	121	0.78	3 1/2 IF	37.4kgs/m
5	**10 4.75 DC 31/2 IF**	60	121	89.7	3 1/2 IF	20kgs/m
1	**Bit**		156	0.19	3 1/2 Reg	
2	**Float Sub**	62	121	0.78	3 1/2 IF	
3	**Drill Collars (10)**	60	121	89.7	3 1/2 IF	

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM	72		-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate	0.744		[m³/min]
Pump Eff	90	90	[%]
Pump Press	6050		[kPa]
Drillpipe AV	69		[mm]
Drill Collar AV	95		[mm]

Circuit			
	Mud Cycle	40	[min]
	Bottom Up	5	[min]
	Mud Tank	36	[m³]
	Hole Volume	6.5	[m³]
	System Vol.	42	[m³]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit	RR9	N°	
Size	156	156	[mm]
Mfg	Bhughes	Smith	-
Type	BHC406c	XR20W	-
Serial	7140871	PW0901	-
Nozzle	-	3X9.5	[mm²]
WOB	1.5-3.5	6	[daN]
RPM	50	75	[tr/min]
Flow			[gal/s]
Pres	8600	4700	[kPa]
From	425	430	[m]
To	430	437	[m]
Drilled	5	7	[m]
Hours	30.5	8	[hrs]
Core Run	15	N/A	[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	4	8	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	2	2	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	7	8	sacs
CELLOSIZE	80	57	23	sacs
SALT COLORED	210	80	130	sacs
Fuel	45911	27647	18264	liters
Drill Water	275	185	90	[m³]
Brine	34	34	0	[m³]
XL DEFOAM	16	4	12	5gal pails
Pot Water	41	32	9	[m³]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8" casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m³]	Density	1860	[kg/m³]
Volume	9.9	[m³]	Volume	6.5	[m³]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m³]
UF density		[kg/m³]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 29

INVESTCAN Energy Corp

Date : 08/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*cloudy/rain*	mKB	107.5	Daily MD	8	Daily Costs	$33,150 est.
Wind	10km/h	mGL	103.18	Total MD	445	Cum Costs	
Temperature	6 degC	24h Avg ROP	1 m/h	Expected MD	445	AFE	

Summary of Daily Operations Drill to TD = 445m. Log with Baker Hughes Run#1, Run#2 and Run#3

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	5	IEC	0		
Rig	9	Rig	0		
Others	5	Others	0		
Total	19	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case			264
Hrs since last Lost Time Incident			696
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 12:00 @ 13:15
Topics: Wireline logging
Tripping Pipe
Proper PPE

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :
SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:30	437	Continue Trip Out Of Hole w/ Flow Checks Grade bit 66FCAEIWTPR /ROP .88m.
0:30	2:00	437	Trip in hole w/ new 156mm bit.
2:00	4:45	439	Drill 156 mm Hole from 437.15 to 439 m (70 Stks 4700 Kpa / 5-6 DaN /75 Rpm)
4:45	5:00	439	Rig Service & Function Pipe Rams Close 5 Secs / Service Pump
5:00	11:00	445	Drill 156 mm Hole from 439 to 445 m TD (70 Stks 4700 Kpa / 5-6 DaN /75 Rpm)
11:00	11:15	445	Circ & Cond / Work Pipe
11:15	11:30	445	Wireline Survey @ 439 m 6 Deg.
11:30	12:00	445	Circ & Cond / Work Pipe
12:00	12:15	445	Pre-job Safety Meeting
12:15	13:15	445	Trip Out Of Hole w/ Flow Checks
13:15	13:30	445	Safety Meeting w/ Baker Wireline & Rig Personal
13:30	18:00	445	Rig Up To & Log w/ Baker Run # 1 HDIL/ZDL/CN/GR
18:00	20:00	445	Log Run # 2 XMAC/GR
20:00	0:00	445	Log run #3/ STAR /CBIL / DRIT / GR

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:15	445	Log run #3 STAR/CBIL/DRIT/GR
2:15	6:00	445	Log run #4 MReX/GR (Fault find toolstring)

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance	0.25	WOC		Well Control		Drilling	8.75
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Pressure tests		Squeeze		Tripping	3
Coring		Survey	0.25	Drill Out		Lost Circulation			
Reaming		Logging	10.5	DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meetings	0.5	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle		Hole Cleaning	0.75		

24 HOURS FORECAST

Continue wireline operations

Date : 08/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	84	[kg/m^3]
Mud Co	Halliburton		Sands		[ppm]
Time Check	7:00		OWR		[%]
Mud Man	Lloyd		MBT		[kg/m^3]
			Cl-	40000	[mg/L]
Density	1100	[kg/m^3]	Calcium	1360	[mg/L]
Viscosity	51	[s/l]			
P.V.	20	[cp]			
Y.P.	6	[g/100cm^2]			
Gels 10"/10'					
Temperature					
Pressure					
pH	9.5				

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$995.00	
Cum Mud Cost	$44,849.00	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	**Bit**		156	0.19	3 1/2 Reg	
2	**Float Sub**	62	121	0.78	3 1/2 IF	
3	**Drill Collars (10)**	60	121	89.7	3 1/2 IF	

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM	72		-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate	0.744		[m^3/min]
Pump Eff	90	90	[%]
Pump Press	6050		[kPa]
Drillpipe AV	69		[mm]
Drill Collar AV	95		[mm]

Circuit			
	Mud Cycle	40	[min]
	Bottom Up	5	[min]
	Mud Tank	36	[m^3]
	Hole Volume	6.5	[m^3]
	System Vol.	42	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation
11:15	439			6	

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit		N°
Size	156	[mm]
Mfg	Smith	-
Type	XR20W	-
Serial	PX5850	-
Nozzle	3X9.5	[mm^2]
WOB	6	[daN]
RPM	70-75	[tr/min]
Flow	68.2	[gal/s]
Pres	6000	[kPa]
From	437	[m]
To	445	[m]
Drilled	8	[m]
Hours	8.75	[hrs]
		[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	6	6	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	3	1	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	8	7	sacs
CELLOSIZE	80	57	23	sacs
SALT COLORED	210	80	130	sacs
Fuel	45911	30588	15323	liters
Drill Water	275	185	90	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	5	11	5gal pails
Pot Water	41	41	0	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 30

INVESTCAN Energy Corp

Date : 09/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Overcast*	mKB	107.5	Daily MD		Daily Costs	$35,000 est.
Wind	30km/h	mGL	103.18	Total MD	445	Cum Costs	
Temperature	3 degC	24h Avg ROP		Expected MD	445	AFE	

Summary of Daily Operations Run wireline log with Baker Hughes, Run#4 and Run#5. Mix salt in active drilling mud for cold weather storage.

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	5	IEC	0		
Rig	9	Rig	0		
Others	5	Others	0		
Total	19	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case			288
Hrs since last Lost Time Incident			720
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 06:45 @ 18:45
Topics: Wireline logging
Hearing Protection while performing VSP log
Proper PPE while mixing chemicals

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :
SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	2:00	445	Log run #3/ STAR / CBIL / DRIT / GR
2:00			Log run # 4 / MRBX / GR (Fault find toolstring) Tools Working @ 8:30 am.
	12:00	445	Meanwhile hold pretour meeting with crew change @ 06:45 hrs.
12:00			Rig Up To Run Log # 5 f/ VSP Pit/ Commence VSP log run @ 21:45hrs.
	0:00	445	Meanwhile hold pretour meeting with crew change @ 18:45 hrs.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	1:00	445	Rig down Baker log run # 5
1:00	1:30	445	Rig up Baker Log Run # 6, GR/FMT
1:30	6:00	445	RIH and commence log run # 6.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOW		Slip/cut line		Pressure tests		Squeeze		Tripping	
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging	23.5	DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meetings	0.5	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle		Hole Cleaning			

24 HOURS FORECAST

Continue wireline operations, RIH with DP and displace well to completion fluids. POOH and run WR plug with Baker, nipple down BOPs

Date : 09/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		Solids	86		[kg/m^3]
Mud Co	Halliburton		Sands			[ppm]
Time Check	7:30		OWR			[%]
Mud Man	L. Anthony		MBT			[kg/m^3]
			Cl-	38000		[mg/L]
Density	1100	[kg/m^3]	Calcium	1360		[mg/L]
Viscosity	59	[s/l]				
P.V.	27	[cp]				
Y.P.	6.5	[g/100cm^2]				
Gels 10"/10'						
Temperature						
Pressure						
pH	9					

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$995.00	
Cum Mud Cost	$45,844.00	

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N° **Component**	ID [mm]	OD [mm]	Length [m]	Connection	Weight

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate			[m^3/min]
Pump Eff	90	90	[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit			
	Mud Cycle	40	[min]
	Bottom Up	5	[min]
	Mud Tank	36	[m^3]
	Hole Volume	6.5	[m^3]
	System Vol.	42	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit		**N°**
Size		[mm]
Mfg		-
Type		-
Serial		-
Nozzle		[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]
		[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	6	6	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	3	1	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	8	7	sacs
CELLOSIZE	80	57	23	sacs
SALT COLORED	210	80	130	sacs
Fuel	45911	32035	13876	liters
Drill Water	375	295	80	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	5	11	5gal pails
Pot Water	50	41	9	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

DAILY DRILLING REPORT N° 31

INVESTCAN Energy Corp

Date : 10/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Overcast*	mKB	107.5	Daily MD		Daily Costs	$39,000 est.
Wind	30km/h	mGL	103.18	Total MD	445	Cum Costs	
Temperature	-1 degC	24h Avg ROP		Expected MD	445	AFE	

Summary of Daily Operations Run wireline log with Run#5 and Run#6. Wait on order before Run#7.
Trip in hole, circulate and displace hole with water and biocide

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	5	IEC	0		
Rig	9	Rig	0		
Others	5	Others	0		
Total	19	Total	0		

Tool Pusher	Greg McKinnin	1905 371 4614
Company man	Wade Augot	1709 691 9123
Rig Manager	Ernie Leroux	1403 874 5812

Hrs since last Medical Treatment Case			312
Hrs since last Lost Time Incident			744
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 16:30 @ 19:15 @ 20:45
Topics: Wireline logging
Fall protection working in derrick
Tripping pipe

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :
SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:45	445	Rig down Baker log run # 5
0:45	8:00	445	Rig up Baker Log Run # 6, GR/FMT
8:00	8:15	445	Rig Service & Function Blind Rams Close 5 Secs
8:15	10:00	445	Wait On Orders
10:00	16:30	445	Rig Up Baker & Log Run # 7, GR/FMT Lay Out Tools
16:30	16:45	445	Safety Meeting w/ Crew (Tripping)
16:45	17:30	445	Trip In Hole
17:30	19:15	445	Circ & Cond Hole / Displace Well Over To Fresh Water
19:15	19:30	445	Pre-Job Safety Meeting
19:30	20:45	445	Pull Out Of Hole w/ Flow Checks
20:45	21:00	445	Held Safety Meeting w/ Baker Wireline & Rig Crew (on Setting WR Plug)
21:00	23:30	445	Rig Up To & Run & Set WR Plug @ 200 m
23:30			RIH w/ wireline to 210m, pull strip log corrolate on depth, set WR plug @ 200m CE, observe 200lbs weight loss, P/U and re-tag plug to confirm.
	0:00	445	POOH w/ wireline.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:30	445	Rig out Baker wireline
0:30	1:00	445	Pressure test WR plug to 7000 Kpa
1:00	4:00	445	RIH w/ 4 3/4" DC's and L/O. RIH w/ 4" DP and L/O same
4:00	0:00	445	Nipple down BOP's

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance	0.25	WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOO	1.75	Slip/cut line		Pressure tests		Squeeze		Tripping	2
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging	17.5	DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meetings	0.75	LOT/FIT		**DOWNTIME**	**0**
Cond	1.75	Run Casing		Handle		Hole Cleaning			

24 HOURS FORECAST

Rig out Baker wireline, nipple down BOPs and install tubing head. Nipple up BOPs change rams and pressure test BOPs

Date : 10/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water			Solids	102		[kg/m^3]
Mud Co	Halliburton			Sands			[ppm]
Time Check	7:30			OWR			[%]
Mud Man	L. Anthony			MBT			[kg/m^3]
				Cl-	92000		[mg/L]
Density	1160		[kg/m^3]	Calcium	1600		[mg/L]
Viscosity	60		[s/l]				
P.V.	29		[cp]				
Y.P.	6.5		[g/100cm^2]				
Gels 10"/10'							
Temperature							
Pressure							
pH	8						

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$2,845.00	
Cum Mud Cost	$52,370.00	

ADDITIVES ADDED

NAME	Quantity	Concentration
SALT	95	
CW 8551-3	1	

COMMENTS

BOTTOM HOLE ASSEMBLY

N° **Component**	ID [mm]	OD [mm]	Length [m]	Connection	Weight

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate			[m^3/min]
Pump Eff	90	90	[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit			
	Mud Cycle	40	[min]
	Bottom Up	5	[min]
	Mud Tank	36	[m^3]
	Hole Volume	6.5	[m^3]
	System Vol.	42	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	10/12/2012	

BITS

Bit		N°
Size		[mm]
Mfg		-
Type		-
Serial		-
Nozzle		[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]
		[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	7	5	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	3	1	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	8	7	sacs
CELLOSIZE	80	57	23	sacs
SALT COLORED	210	175	35	sacs
Fuel	45911	33541	12370	liters
Drill Water	375	295	80	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	5	11	5gal pails
Pot Water	50	41	9	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

INVESTCAN Energy Corp

DAILY DRILLING REPORT N° 32

Date : 11/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Overcast / Rain*	mKB	107.5	Daily MD		Daily Costs	$39,000 est.
Wind	20km/h	mGL	103.18	Total MD	445	Cum Costs	
Temperature	3 degC	24h Avg ROP		Expected MD	445	AFE	

Summary of Daily Operations Rig out Baker wireline and pressure test WR plug. Trip in and Lay out drill string. Nipple down BOPs.
Cut casing and nipple up tubing head

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	4	IEC	0		
Rig	9	Rig	0		
Others	2	Others	0		
Total	15	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager	Ernie Leroux	1403 874 5812			

Hrs since last Medical Treatment Case			336
Hrs since last Lost Time Incident			768
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 21:30 @ 06:45 @ 23:30
Topics: Wireline logging
Fall protection working in derrick
Tripping pipe

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :
SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	0:30	445	Rig Out Baker Wireline
0:30	1:00	445	Pressure test WR Plug to 7000 Kpa
1:00	4:00	445	Run In BHA and DP 170 m at a time and lay down Drill String
4:00	6:00	445	Nipple Down BOPs
6:00	10:15	445	Cut Casing & Install Tubing Head. Pre tour meeting at 06:45.
10:15	11:00	445	Pressure test Tubing Head and WR Plug at 1950 Kpa Low for 10 Min and 7100 Kpa High for 10 Min. Both Tests OK.
11:00	22:00	445	Wait on cross over spool for tubing head to BOP's 7 1/16 3000 To 9" 3000. Meanwhile hold safety meeting with crew.
22:00			Decision to run completion using the annular preventer only due to an issue to get the 2-3/8'' rams onsite.
	0:00	445	Install adaptor flange and nipple up BOP's. Pre tour meeting at 23:30.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	4:15	4.25	Continue to nipple up BOPs
4:15			Pressure test BOPs: pres. test #1 BOP Annular against adaptor flange and BOP flange, low 1500kPa/15min, high 10350kPa/15min.
	6:00	1.75	Pressure test #2 Blind Rams and kill line valves, low 1500kPa/15min, high 10350kPa/15min.

RIG TIME (operation duration in hours)

RU / TD		Rig Maintenance	0.25	WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs	4	Directional Survey		Cementing	
WOO	14.25	Slip/cut line		Pressure tests	1.25	Squeeze		Tripping	3
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meetings	0.75	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	0.5	Hole Cleaning			

24 HOURS FORECAST

Nipple Up BOP's, and pressure test BOP's. Run Completion.

Date : 11/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type	Fresh water		
Mud Co	Halliburton		
Time Check	7:00		
Mud Man	L. Anthony		
Density	1170		[kg/m^3]
Viscosity	62		[s/l]
P.V.	29		[cp]
Y.P.	7		[g/100cm^2]
Gels 10"/10'			
Temperature			
Pressure			
pH	9		

Solids	102		[kg/m^3]
Sands			[ppm]
OWR			[%]
MBT			[kg/m^3]
Cl-	93000		[mg/L]
Calcium	1400		[mg/L]

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost	$3,840.00	
Cum Mud Cost	$54,360.00	

ADDITIVES ADDED

NAME	Quantity	Concentration
B-1008	1	
SALT	35	
XL Defoamer	1	

COMMENTS

BOTTOM HOLE ASSEMBLY

N° **Component**	ID [mm]	OD [mm]	Length [m]	Connection	Weight

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate			[m^3/min]
Pump Eff	90	90	[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit			
	Mud Cycle	40	[min]
	Bottom Up	5	[min]
	Mud Tank	36	[m^3]
	Hole Volume	6.5	[m^3]
	System Vol.	42	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	27/11/2012	10350
Next BOP	11/12/2012	10350

BITS

Bit	N°
Size	[mm]
Mfg	-
Type	-
Serial	-
Nozzle	[mm^2]
WOB	[daN]
RPM	[tr/min]
Flow	[gal/s]
Pres	[kPa]
From	[m]
To	[m]
Drilled	[m]
Hours	[hrs]
	[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	7	5	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	4	0	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	8	7	sacs
CELLOSIZE	80	57	23	sacs
SALT COLORED	210	210	0	sacs
Fuel	45911	35070	10841	liters
Drill Water	375	365	10	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	6	10	5gal pails
Pot Water	50	41	9	[m^3]

CASING / CEMENTING PROGRAM

Last Casing		
Date	25/11/2012	
grade	J-55	-
diam	244.48	[mm]
Lin Weight	59.53	[kg/m]
Nb Joint	12	-
Set at	162	[m]
Length	162.76	[m]
Burst	27200	[kPa]
Collapse	17720	[kPa]
Tensile	231300	[daN]
TEST		
Date	26/11/2012	
Pressure	10350	[kPa]
Last Cement	9-5/8" casing	
Date	25/11/2012	
Class	G	
Density	1895	[kg/m^3]
Volume	9.9	[m^3]
Time to GL	8	[min]
Addittives	3% CaCl2	

Last Casing		
Date	27/11/2012	
grade	J-55	-
diam	177.8	[mm]
Lin Weight	34.22	[kg/m]
Nb Joint	18	-
Set at	214	[m]
Length	215.69	[m]
Burst	30000	[kPa]
Collapse	22500	[kPa]
Tensile	139000	[daN]
TEST		
Date	28/11/2012	
Pressure	10350	[kPa]
Last Cement	7'' casing	
Date	28/11/2012	
Class	G	
Density	1860	[kg/m^3]
Volume	6.5	[m^3]
Time to GL		[min]
Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

INVESTCAN Energy Corp

DAILY DRILLING REPORT N° 33

Date : 12/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Snow*	mKB	107.5	Daily MD		Daily Costs	$28,000 est.
Wind	11km/h NW	mGL	103.18	Total MD	445	Cum Costs	
Temperature	-2 degC	24h Avg ROP		Expected MD	445	AFE	

Summary of Daily Operations Nipple up BOPs and Pressure Tests. Run Completion, nipple down BOPs and nipple up well head. Tear Out Rig

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	4	IEC	0		
Rig	9	Rig	0		
Others	2	Others	0		
Total	15	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager	Ernie Leroux	1403 874 5812			

Hrs since last Medical Treatment Case	360		
Hrs since last Lost Time Incident	792		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 06:30 @ 18:45
Topics: Running Completion
Cold Weather
Rigging Out Rig

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :
SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	4:15	445	Continue to nipple up BOPs
4:15			Pressure test BOPs: pressure test #1 BOP Annular against Adaptor flange and BOP flange, low 1500kPa/15min, high 10350kPa/15min.
	6:30	445	Pressure test #2 Blind Rams and kill line valves, low 1500kPa/15min, high 10350kPa/15min.
6:30	6:45	445	Safety meeting with crew. BOP Drill Well Secured in 54 Secs.
6:45	9:30	445	Pick up 60.3mm tubing and RIH to top of fish @ 200m. Retreive WR and POOH.
9:30			Trip in hole w/ 60.3mm completion string, wireline re-entry guide/ 1.78" R nipple/ 9.6m jt/ PSN 43 jts tubing.
	13:00	445	Total 60.3mm tubing down hole = 44 Jts. Land Dognut and engage lockdown screws.
13:00	15:15	445	Nipple Down BOPs / Kill Line Valves & HCR Valves
15:15	16:30	445	Nipple Up Well Head
16:30	23:45	445	Clean tanks, start to tear out Foragaz Rig#3.
23:45	0:00	445	Safety meeting with crew on rigging out TD. RIG RELEASE @ 0:00.

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	6:00	445	Continue to Rig Out Foragaz Rig#3.

RIG TIME (operation duration in hours)

RU / TD	6.75	Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs	7.75	Directional Survey		Cementing	
WOO		Slip/cut line		Pressure tests	2.25	Squeeze		Tripping	6.25
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meetings	0.5	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	0.5	Hole Cleaning			

24 HOURS FORECAST

Continue to rig out Foragaz Rig#3.

Date : 12/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type			Solids			[kg/m^3]	
Mud Co			Sands			[ppm]	
Time Check			OWR			[%]	
Mud Man			MBT			[kg/m^3]	
			Cl-			[mg/L]	
Density		[kg/m^3]	Calcium			[mg/L]	
Viscosity		[s/l]					
P.V.		[cp]					
Y.P.		[g/100cm^2]					
Gels 10"/10'							
Temperature							
Pressure							
pH							

Volumes Balance

Vol hauled		[m^3]
Vol dumped		[m^3]
Circ loss		[m^3]
Boiler loss		[m^3]
Daily Mud Cost		
Cum Mud Cost		

ADDITIVES ADDED

NAME	Quantity	Concentration

COMMENTS

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	Wireline re-entry guide	60.3	76.2	0.13	EUE	
2	1.78" R nipple	45.21	60.3	0.34	EUE	
3	60.3mm J55 tubing jt	50.67	60.3	9.6	EUE	
4	PSN	1.78	60.3	0.36	EUE	
5	43 J55 60.3mm Tubing 6.9kgs/m	50.67	60.3	413.12	EUE	

NOTE: Wireline re-entry guide @ 423.55m GL
PSN @ 413.12 GL

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate			[m^3/min]
Pump Eff	90	90	[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit		
	Mud Cycle	[min]
	Bottom Up	[min]
	Mud Tank	[m^3]
	Hole Volume	[m^3]
	System Vol.	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	11/12/2012	10350
Next BOP		

BITS

Bit		N°
Size		[mm]
Mfg		-
Type		-
Serial		-
Nozzle		[mm^2]
WOB		[daN]
RPM		[tr/min]
Flow		[gal/s]
Pres		[kPa]
From		[m]
To		[m]
Drilled		[m]
Hours		[hrs]
		[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	7	5	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	4	0	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	8	7	sacs
CELLOSIZE	80	57	23	sacs
SALT COLORED	210	210	0	sacs
Fuel	45911	36094	9817	liters
Drill Water	375	365	10	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	6	10	5gal pails
Pot Water	56	50	6	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Addittives	3% CaCl2		Addittives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

INVESTCAN Energy Corp

DAILY DRILLING REPORT N° 34

Date : 13/12/2012
Well : Gobineau#1
Rig : Foragaz#3
Coord: 384992
NAD 27 5357531

Spud : 10/11/2012

Weather @ 8:00	*Light Snow*	mKB	107.5	Daily MD		Daily Costs	$18,000 est.
Wind	17km/h NW	mGL	103.18	Total MD	445	Cum Costs	
Temperature	-3 degC	24h Avg ROP		Expected MD	445	AFE	

Summary of Daily Operations Tear Out Rig, Rig Out boiler, prefabs and pipe racks

SAFETY SUMMARY

Workers on site		Workers Injuried		Minor Incidents	Serious injuries
IEC	3	IEC	0		
Rig	14	Rig	0		
Others	1	Others	0		
Total	18	Total	0		
Tool Pusher	Greg McKinnin	1905 371 4614			
Company man	Wade Augot	1709 691 9123			
Rig Manager	Ernie Leroux	1403 874 5812			

Hrs since last Medical Treatment Case	384		
Hrs since last Lost Time Incident	816		
H_2S Level	0	Trip Drill	
CO_2 Level	0	Pit Drill	
Gas Level	0	BOP Drill	

Safety Meetings @ 6:30
Topics: Rigging Out Rig
Cold Weather

TIME LOG - 00:00 to 24:00 (include Safety meetings and Tool box talks)

LITHOLOGY :

SHOWS :

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	6:30	445	Rig out Foragaz # 3 /Drain Boiler
6:30	12:00		Safety meeting. Rig Out Pumps/Water & Power Lines
12:00	18:00	445	Tear Out Rig / Move Pipe Racks/Rig Down Prefabs
18:00	0:00	445	Wait On Daylight

TIME LOG - 24:00 to 6:00am (include Safety meetings and Tool box talks)

From [Hr]	To [Hr]	Depth [m]	Operation description
0:00	6:00	445	Wait on daylight

RIG TIME (operation duration in hours)

RU / TD	18	Rig Maintenance		WOC		Well Control		Drilling	
Rig Move		Rig Repair		NU/ND BOPs		Directional Survey		Cementing	
WOO		Slip/cut line		Pressure tests		Squeeze		Tripping	
Coring		Survey		Drill Out		Lost Circulation			
Reaming		Logging		DST		BOP Drill		**TOTAL**	**24**
Flow Check		Pmp repair		Safety Meetings	0.5	LOT/FIT		**DOWNTIME**	**0**
Cond		Run Casing		Handle	5.5	Hole Cleaning			

24 HOURS FORECAST

Continue to rig out Foragaz Rig#3.

Date : 13/12/2012 **Well :** Gobineau#1 **Rig :** Foragaz#3 **Coord:** 384992 NAD 27 5357531

DRILLING MUD

Fluid type						
Mud Co			Solids		[kg/m^3]	**ADDITIVES ADDED**
Time Check			Sands		[ppm]	NAME / Quantity / Concentration
Mud Man			OWR		[%]	
			MBT		[kg/m^3]	
Density		[kg/m^3]	Cl-		[mg/L]	
Viscosity		[s/l]	Calcium		[mg/L]	
P.V.		[cp]	**Volumes Balance**			
Y.P.		[g/100cm^2]	Vol hauled		[m^3]	
Gels 10"/10'			Vol dumped		[m^3]	
Temperature			Circ loss		[m^3]	
Pressure			Boiler loss		[m^3]	
pH			**Daily Mud Cost**			**COMMENTS**
			Cum Mud Cost			

BOTTOM HOLE ASSEMBLY

N°	Component	ID [mm]	OD [mm]	Length [m]	Connection	Weight
1	Wireline re-entry guide	60.3	76.2	0.13	EUE	
2	1.78" R nipple	45.21	60.3	0.34	EUE	
3	60.3mm J55 tubing jt	50.67	60.3	9.6	EUE	
4	PSN	1.78	60.3	0.36	EUE	
5	43 J55 60.3mm Tubing 6.9kgs/m	50.67	60.3	413.12	EUE	

NOTE: Wireline re-entry guide @ 423.55m GL
PSN @ 413.12 GL

HYDRAULICS

Pump	1	2	
Make&Model	Dragon 660	Wilson 600	
Liner x Stack	8 1/2" X 6	6 1/2 X 14	-
SPM			-
Litre/Sk 100%	0.012	0.0152	-
Circ Rate			[m^3/min]
Pump Eff	90	90	[%]
Pump Press			[kPa]
Drillpipe AV			[mm]
Drill Collar AV			[mm]

Circuit		
	Mud Cycle	[min]
	Bottom Up	[min]
	Mud Tank	[m^3]
	Hole Volume	[m^3]
	System Vol.	[m^3]

SURVEY

Time	m MD	m TVD	Azimuth	Inclination	Deviation

BOP STACK

OP	Item	Diam [mm]	W.P. [kPa]
Drilling	Stack	228.6	21000
	Diverter		
	Annular	228.6	21000
	Blind	228.6	21000
	Other	228.6	21000
Other	Stack		
	Diverter		
	Annular		
	Blind		
	Other		

TESTS

	Date	Pres [kPa]
Last BOP	11/12/2012	10350
Next BOP		

BITS

Bit	N°
Size	[mm]
Mfg	-
Type	-
Serial	-
Nozzle	[mm^2]
WOB	[daN]
RPM	[tr/min]
Flow	[gal/s]
Pres	[kPa]
From	[m]
To	[m]
Drilled	[m]
Hours	[hrs]
	[hrs]

STOCK

Name	In	Used	Stock	Unit
CW 8551-3	12	7	5	sacs
BARACARB 5	250		250	sacs
BAROSEAL MED	120	48	72	sacs
BARABUF	20		20	sacs
B1008	4	4	0	20l pals
BICARB OF SODA	16	16	0	sacs
N VIS P PLUS	15	8	7	sacs
CELLOSIZE	80	57	23	sacs
SALT COLORED	210	210	0	sacs
Fuel	45911	36094	9817	liters
Drill Water	375	365	10	[m^3]
Brine	34	34	0	[m^3]
XL DEFOAM	16	6	10	5gal pails
Pot Water	56	50	6	[m^3]

CASING / CEMENTING PROGRAM

Last Casing			***Last Casing***		
Date	25/11/2012		Date	27/11/2012	
grade	J-55	-	grade	J-55	-
diam	244.48	[mm]	diam	177.8	[mm]
Lin Weight	59.53	[kg/m]	Lin Weight	34.22	[kg/m]
Nb Joint	12	-	Nb Joint	18	-
Set at	162	[m]	Set at	214	[m]
Length	162.76	[m]	Length	215.69	[m]
Burst	27200	[kPa]	Burst	30000	[kPa]
Collapse	17720	[kPa]	Collapse	22500	[kPa]
Tensile	231300	[daN]	Tensile	139000	[daN]
TEST			TEST		
Date	26/11/2012		Date	28/11/2012	
Pressure	10350	[kPa]	Pressure	10350	[kPa]
Last Cement	9-5/8'' casing		***Last Cement***	7'' casing	
Date	25/11/2012		Date	28/11/2012	
Class	G		Class	G	
Density	1895	[kg/m^3]	Density	1860	[kg/m^3]
Volume	9.9	[m^3]	Volume	6.5	[m^3]
Time to GL	8	[min]	Time to GL		[min]
Additives	3% CaCl2		Additives	2%CaCl2 .5% Halad	

CENTRIFUGE

Make		
OF density		[kg/m^3]
UF density		[kg/m^3]
Flow		[gal/s]
Last Dump		

CASING BOWL

Make	Vetco	
Serial	SO# 11007581	
Size OD	279.4	[mm]
Size ID	244.5	[mm]
Pressure	20,684	[kPa]

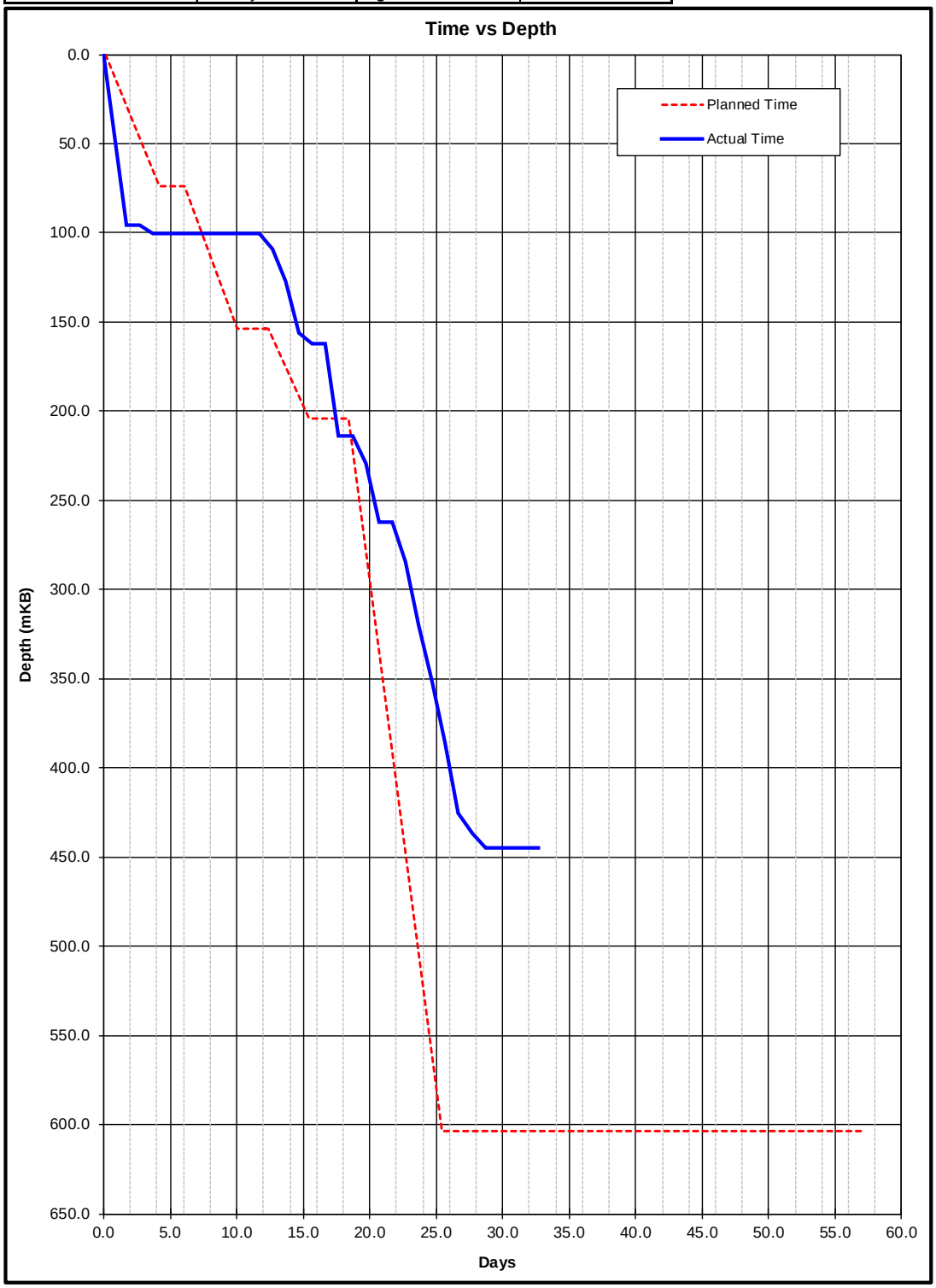
APPENDIX D : DRILLING CURVE & TIME BREAKDOWN

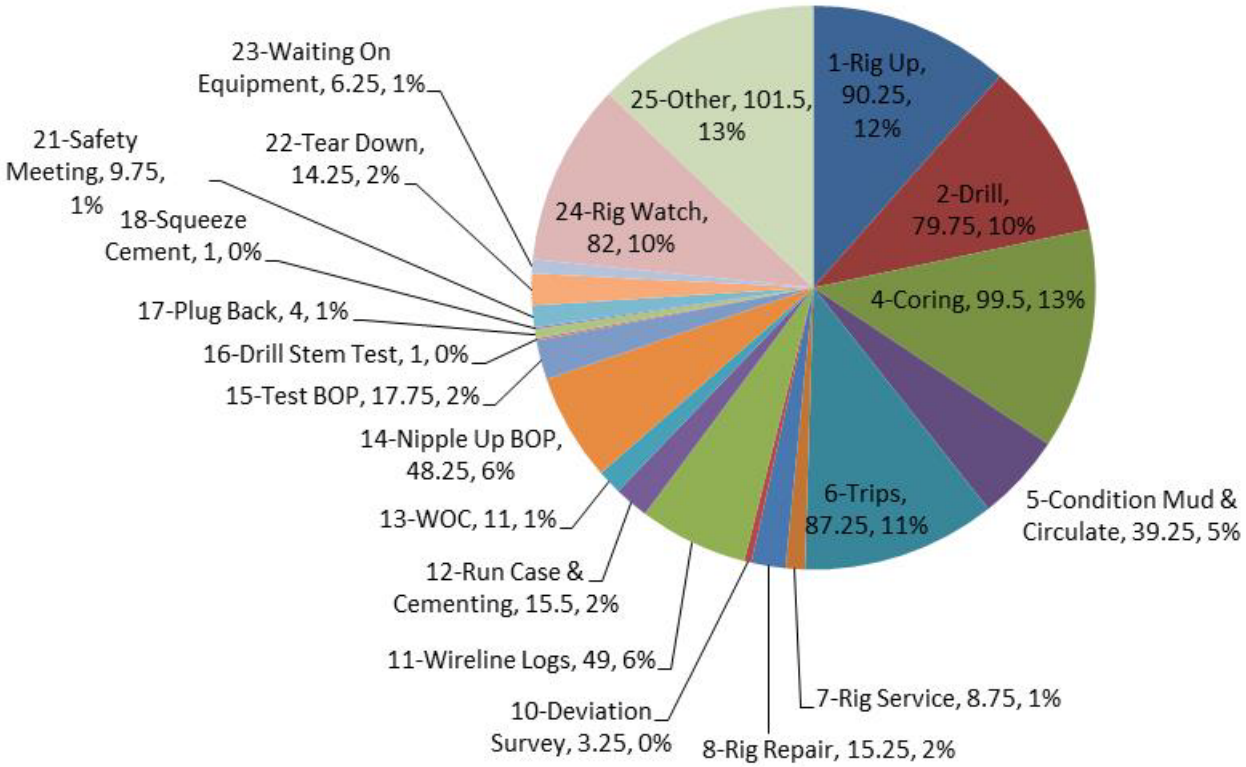
Number of pages : *2*

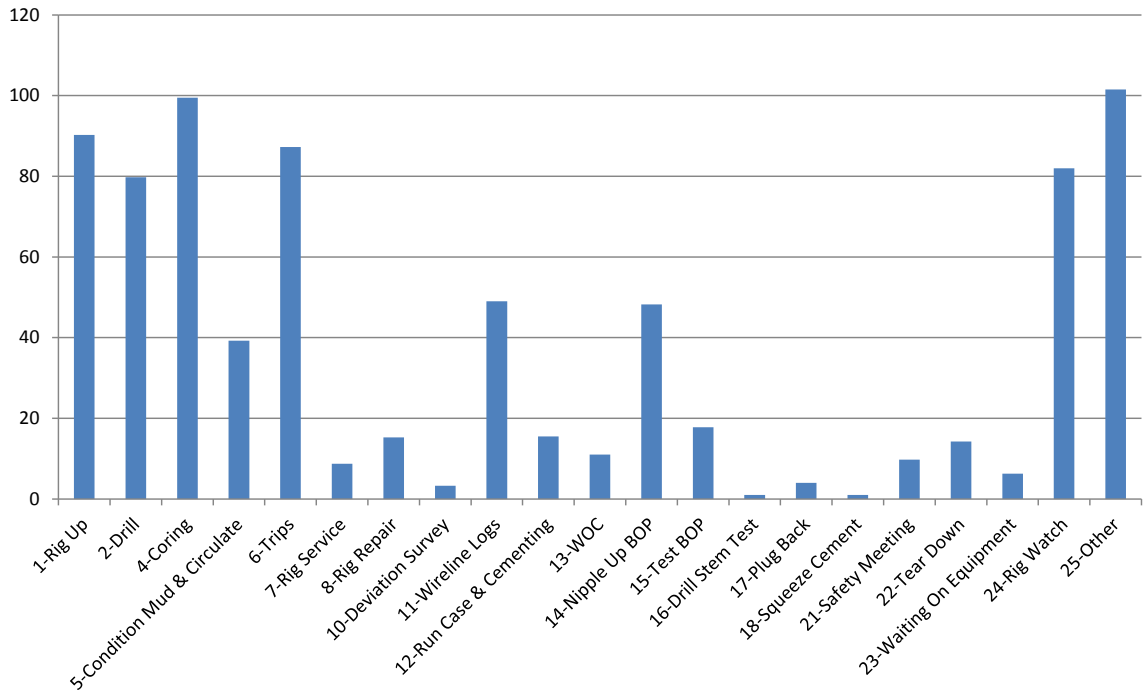
Summary of the content: .Drilling Curve and Time Breakdown for Gobineau#1

.

Operating Company	Investcan Energy	**Start Date**	11/10/12 7:30 AM
Well Name	Gobineau #1	**Spud Date**	11/8/12 6:00 AM
Rig	Foragaz Rig#3	**TD Date**	12/8/12 11:00AM
Field (if applicable)	Flat Bay 03-106	**Rig Release Date**	12/12/12 12:59PM




1-Rig Up, 90.25, 12%
2-Drill, 79.75, 10%
4-Coring, 99.5, 13%
5-Condition Mud & Circulate, 39.25, 5%
6-Trips, 87.25, 11%
7-Rig Service, 8.75, 1%
8-Rig Repair, 15.25, 2%
10-Deviation Survey, 3.25, 0%
11-Wireline Logs, 49, 6%
12-Run Case & Cementing, 15.5, 2%
13-WOC, 11, 1%
14-Nipple Up BOP, 48.25, 6%
15-Test BOP, 17.75, 2%
16-Drill Stem Test, 1, 0%
17-Plug Back, 4, 1%
18-Squeeze Cement, 1, 0%
21-Safety Meeting, 9.75, 1%
22-Tear Down, 14.25, 2%
23-Waiting On Equipment, 6.25, 1%
24-Rig Watch, 82, 10%
25-Other, 101.5, 13%


120
100
80
60
40
20
0
1-Rig Up
2-Drill
4-Coring
5-Condition Mud & Circulate
6-Trips
7-Rig Service
8-Rig Repair
10-Deviation Survey
11-Wireline Logs
12-Run Case & Cementing
13-WOC
14-Nipple Up BOP
15-Test BOP
16-Drill Stem Test
17-Plug Back
18-Squeeze Cement
21-Safety Meeting
22-Tear Down
23-Waiting On Equipment
24-Rig Watch
25-Other

APPENDIX E : WELL COSTS

Number of pages : *1*

Summary of the content: .Well Costs for Gobineau#1

.

Pre-spud costs	$165,001
Rig/Camp - Mob/Demob	$376,121
Rig-up/down	$64,902
Drilling Contractor	$345,271
Fuel & Boiler	$56,606
Welding	$4,803
Drilling Bits & BHA	$40,522
Mud & Chemicals	$53,956
Casing	$61,561
Casing Handling	$58,499
Cementing Services	$112,042
Wellhead	$13,157
Trucking and hauling (no rig move)	$17,179
Safety services / Security	$80,088
Logging	$240,571
Solids, Fluids & Waste Disposal	$23,306
Drilling Supervision- Wellsite	$95,642
Geological Supervision- Wellsite	$32,898
Equipment Rental	$110,890
Consulting Services-Engineering/PM	$40,984
Travel & Subsistence	$34,903
Accommodation Expense	$11,514
Geological Studies/Office Work	$118,423
Maps, Other Office Misc.	$6,722
Inventory	$24,981
Deposits/Regulatory Fees	$108,957
Core Studies	$198,980
Inspections	$16,477
Total	**$2,514,955**

APPENDIX F : BENEFITS TRACKING

Number of pages : *1*

Summary of the content: This appendix presents a summary of the workforce during the Gobineau#1 operations.

	RESIDENCE		
Week	**NL**	**OTHER**	**Total**
1	8	11	19
2	6	14	20
3	10	15	25
4	9	20	30
5	9	21	31
6	5	12	17
Average	**8 (33.8%)**	**16 (66.2%)**	**23**

APPENDIX G : BIT RUN SUMMARY

Number of pages : *1*

Summary of the content: ..Bit Run Summary for Gobineau#1

Bit Record

Operator	INVESTCAN ENERGY CORP	Well	GOBINEAU #1 244-NL
Contractor	Foragaz	Rig #	3

Bit No	Bit Size	IADC Codes 1	2	3	4	Bit MFG	Bit Type	Serial No	Jet 1	2	3	4	Sizes 5	6	7	8	Depth Out	Depth In	Date In	Total Drilled	Total Hours	Bit ROP	TI	TO	MDC	LOC	B	Gauge	ODC	Reason Pulled	Comments
1	311		1	1	7	SMITH	xr+	px9590	20	20	20							96	19-Nov-2012		31.25										
2																							1	1	NO	A	0	0	NO	TD	
2	216	5	1	7	X	Smith	FH21B	PT5357	11.1	11.1	11.1						214	162		52	10.25	5.07									
3	156	5	1	7	X	Smith	XR20W	PW0001	9.5	9.5	9.5						216		07-Dec-2012												
4	156					Hughes	BHC406c	7140869										216	29-Nov-2012	39											
5	156					Hughes	BHC406c	7140871									255	229	29-Nov-2012	26	6.25	4.16									
RR3	156	5	1	7	X	Smith	XR20W	PW0001	9.5	9.5	9.5						262.7	255	01-Dec-2012	7.7	1.5	5.13									
7	6.125					HUGHES	BHC40GC	7140870										262.7	01-Dec-2012	58	19.25	3.01									
7	6.125					HUGHES	BHC406C	7140869										262.7	01-Dec-2012	58	19.25	3.01									
8	6.125					HUGHES	BHC406C	7140869									336.3	319.8	01-Dec-2012	16.5	4.25	3.88									
9	6.125					HUGHES	BHC406C	7140871									351	336.3	01-Dec-2012	14.7	4.25	3.46									
9	6.125					HUGHES	BHC406C	7140871b									430.26	386	01-Dec-2012	44.26	27	1.64									
RR 3	156	5	1	7	X	Smith	XR20W	PW0001	9.5	9.5	9.5						216		07-Dec-2012												
10	156	5	1	7	X	smith	xr20wps	px5850	9.5	9.5	9.5						445	437	08-Dec-2012	8	8.75	0.91	5	5	WT	A	E	0	FC	TD	

APPENDIX H : CEMENTING REPORTS

Number of pages : *5*

Summary of the content: Reports of the cementations of surface and production casings.

HALLIBURTON

Cementing Service Report

Customer:	Investcan Energy Corporation	**Customer Representative:**	Antoine Forcinal
Well Name:		**Salesman:**	Toni Saville
UWI:		**Sales Order Number:**	900023589
Province:	NL	**Field:**	Western Newfoundland
Called Out:	November 24, 2012 9:00	**Job Started:**	November 25, 2012 12:56
On Location:	November 25, 2012 8:00	**Job Completed:**	November 25, 2012 16:00
Supervisor:	Ken Barlow	**Rig Name:**	Forigaz 3
Job Type:	CMT SURFACE CASING - BOM	**Service BOM #:**	7521

Wellbore Configuration:

Hole Data	Hole Size (mm)	Measured Depth (m)	True Vertical Depth (m)	Mud Type
	311.15	162.76	162.76	GEL CHEM

Casing or Liner Data	Size (mm)	Weight (kg/m)	Grade	Depth (m)	Size (mm)	Weight (kg/m)	Grade	Depth (m)
	339.73	0	L-80	17	244.48	59.53	L-80	162

Products & Equipment:

Equipment	Type	Quantity	Type	Quantity
	FLOAT COLLAR	1	FLOAT SHOE	1
	CENTRALIZERS	5		

Plug Type	Top: WOODEN		Cement Head Type:	SWEDGE

Temperature Data:

QA Data:

Mix Water Analysis

Cement Data:

	Tonne	Cement Blend	Density (kg/m³)	Water (m³/t)	Yield (m³/t)	Volume (m³)
TAIL	12.0	HalCem G + 3% CaCl2	1895	0.44	0.76	9.1
TAIL	1.0	HalCem G	1895	0.44	0.76	0.8

Casing or Liner Job Data:

Event	Volume (m³)	Time Start	Time Finish	Rate (m³/min)	Pressure (MPa) Minimum	Pressure (MPa) Maximum	Comments
WATER	3.0	12:56	13:01	0.6	0.5	0.5	
Pressure test Lines		13:05	13:05		17.0	17.0	
Circulate mix water		13:05	13:15				
TAIL	9.1	13:19	13:36	0.53	0.5	1.0	
TAIL	0.8						
Release Plug		13:36	13:44				
WATER	6.4	13:44	13:58	0.45	0.5	3.5	
Bump Plug		13:36	13:36				Cement in Annulus dropped once pumping stopped
Check Floats		14:01	14:01				Floats Held
Rig up to perform Topup Job		15:30	15:45				
Mix and Pump .76 m3 slurry		15:58	16:05				
Release Plug							
Rig out and wash up							
Talk to Company Rep							
Leave Location		16:30					

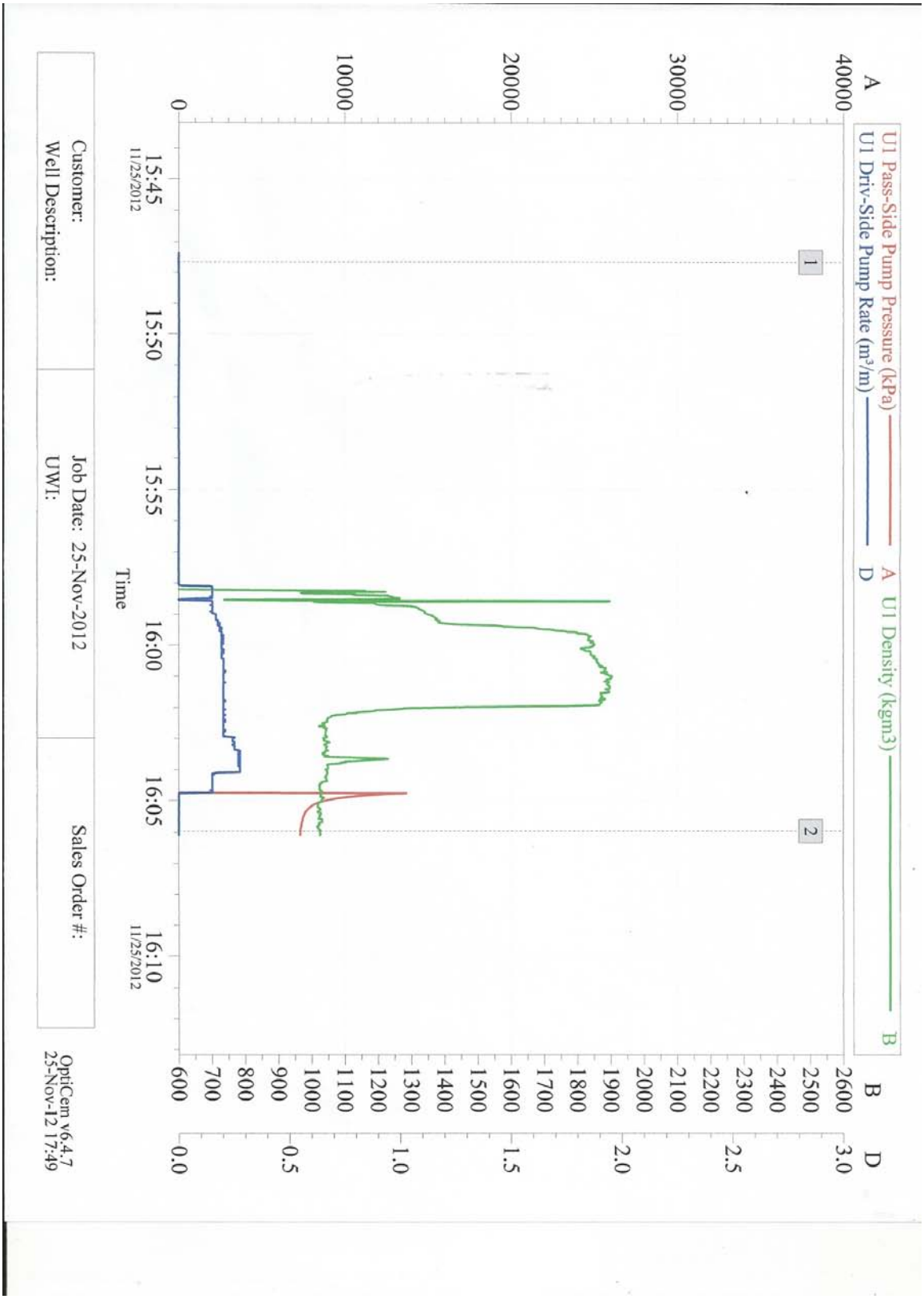
Plug Displaced By: Halliburton Fluid Returns: Partial Cement Volume (m³): 9.9

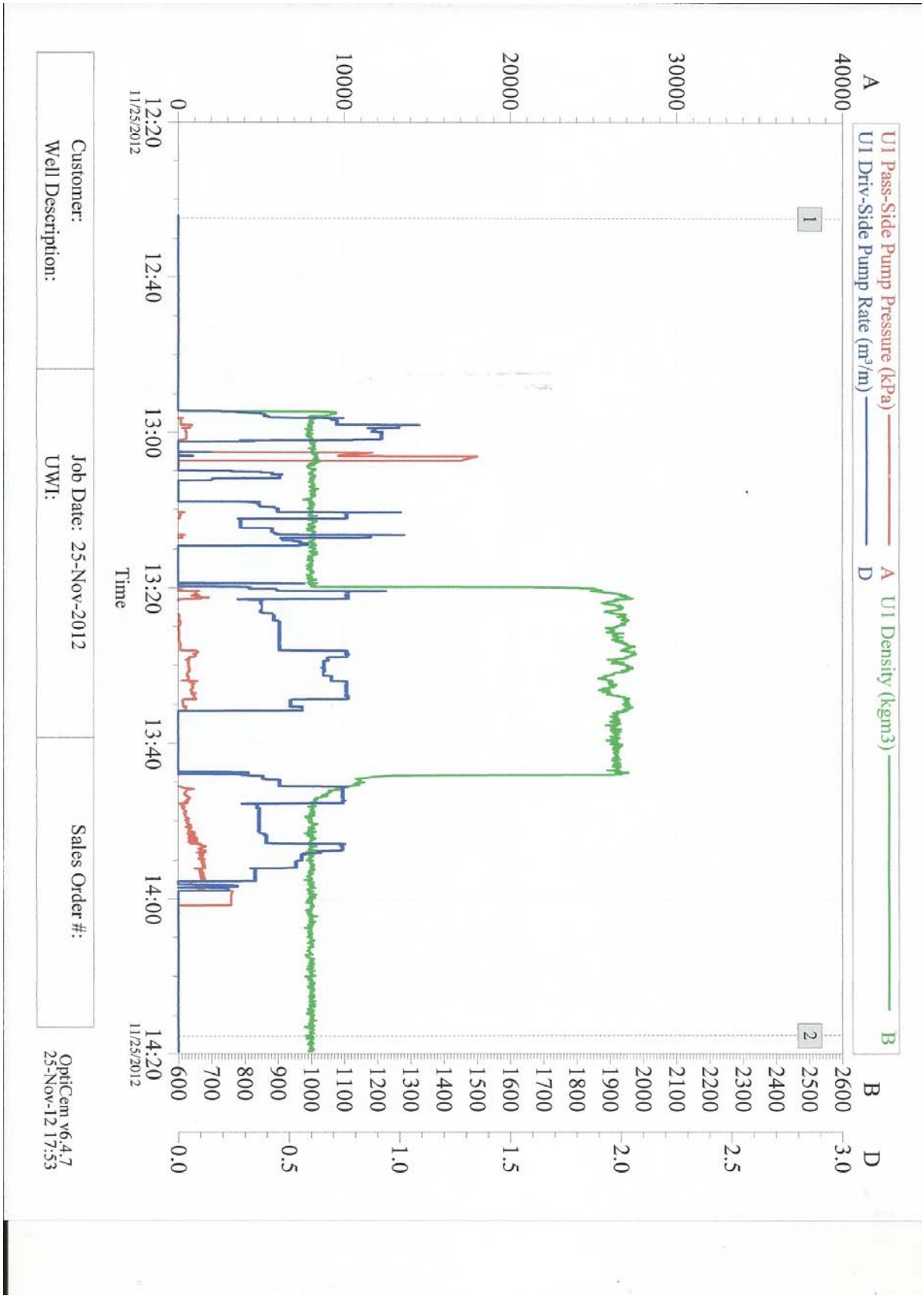
Bump Plug: Yes Floats Held? Yes Cement to Surface (m³): 2.0

Personnel & Equipment:

Name	Empl #	Unit #	Tractor #	Unit Type	Assigned
Ken Barlow	178411		10230733	BULK TRAILER FRU	242
Terry Maher	178911		10700079	TARGET	16056
Earle Fontaine	#N/A			PICKUP	16056

OWNER, OPERATOR OR AGENT SIGNATURE


U1 Pass-Side Pump Pressure (kPa)
U1 Driv-Side Pump Rate (m³/m)
A
D
U1 Density (kgm3)
B
A
B
D
40000
30000
20000
10000
0
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1
2
15:45
11/25/2012
15:50
15:55
16:00
16:05
16:10
11/25/2012
Time
Customer:
Well Description:
Job Date: 25-Nov-2012
UWI:
Sales Order #:
OptiCem v6.4.7
25-Nov-12 17:49


U1 Pass-Side Pump Pressure (kPa)
U1 Driv-Side Pump Rate (m³/m)
A
D
U1 Density (kgm3)
B
A
B
D
40000
30000
20000
10000
0
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1
2
12:20
11/25/2012
12:40
13:00
13:20
13:40
14:00
14:20
11/25/2012
Time
Customer:
Well Description:
Job Date: 25-Nov-2012
UWI:
Sales Order #:
OptiCem v6.4.7
25-Nov-12 17:53

HALLIBURTON

Cementing Service Report

Customer:	Investcan Energy Corporation	**Customer Representative:**	Antoine Forcinal
Well Name:		**Salesman:**	Toni Saville
UWI:		**Sales Order Number:**	900031298
Province:	NL	**Field:**	Western Newfoundland
Called Out:	November 27, 2012 9:00	**Job Started:**	November 28, 2012 3:00
On Location:	November 27, 2012 23:50	**Job Completed:**	November 28, 2012 3:27
Supervisor:	Ken Barlow	**Rig Name:**	Forigaz 3
Job Type:	CMT INTERMEDIATE CASING - BOM	**Service BOM #:**	7522

Wellbore Configuration:

Hole Data	Hole Size (mm)	Measured Depth (m)	True Vertical Depth (m)	Mud Type	Density (kg/m3)
	311.15	162.76	162.76	WATER	1020

Casing or Liner Data	Size (mm)	Weight (kg/m)	Grade	Depth (m)	Size (mm)	Weight (kg/m)	Grade	Depth (m)
	244.48	59.53	L-80	162	177.8	34.231	L-80	216

Products & Equipment:

Equipment	Type	Quantity	Type	Quantity
	FLOAT COLLAR	1	FLOAT SHOE	1
	CENTRALIZERS	8		

Plug Type	Top: HWE		Cement Head Type:	SWEDGE

Temperature Data:

QA Data:

Mix Water Analysis

Cement Data:

	Tonne	Cement Blend	Density (kg/m³)	Water (m³/t)	Yield (m³/t)	Volume (m³)
TAIL	8.4	ThermaCem 40 + 2% CaCl2 + 0.5% HALAD 344	1860	0.43	0.77	6.5

Casing or Liner Job Data:

Event	Volume (m³)	Time Start	Time Finish	Rate (m³/min)	Pressure (MPa) Minimum	Pressure (MPa) Maximum	Comments
WATER	3.0	2:41	2:45	0.6	0.5	0.5	
Pressure test Lines		2:46	2:46		17.0	17.0	
TAIL	6.5	2:55	3:06	0.53	0.5	2.0	
Release Plug		3:06	3:13				
WATER	4.2	3:13	3:24	0.45	0.5	3.5	
Bump Plug		3:24	3:24				
Check Floats		3:27	3:27				
Release Plug							
Talk to Company Rep							
Leave Location		4:00					

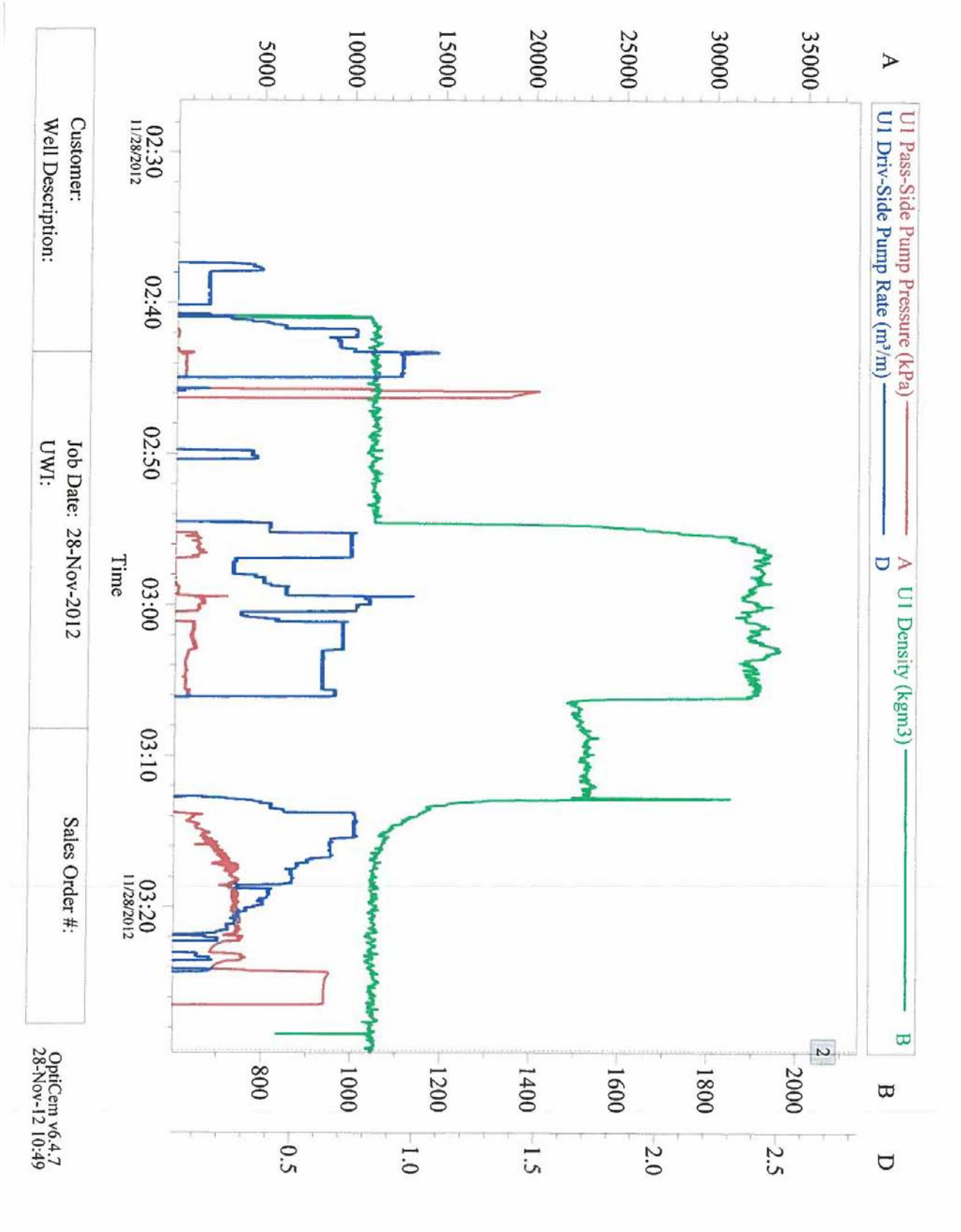
Plug Displaced By: Halliburton Fluid Returns: Full Cement Volume (m³): 6.5

Bump Plug: Yes Floats Held? Yes Cement to Surface (m³): 2.0

Personnel & Equipment:

Name	Empl #	Unit #	Tractor #	Unit Type	Assigned
Ken Barlow	178411		10230733	BULK TRAILER FRU	242
Terry Maher	178911		10700079	TARGET	16056
Earle Fontaine	#N/A			PICKUP	16056

OWNER, OPERATOR OR AGENT SIGNATURE


U1 Pass-Side Pump Pressure (kPa)
U1 Driv-Side Pump Rate (m³/m)
A
D
U1 Density (kgm3)
B
A
B
D
35000
30000
25000
20000
15000
10000
5000
2000
1800
1600
1400
1200
1000
800
2.5
2.0
1.5
1.0
0.5
02:30
11/28/2012
02:40
02:50
03:00
03:10
03:20
11/28/2012
Time
Customer:
Well Description:
Job Date: 28-Nov-2012
UWI:
Sales Order #:
OptiCem v6.4.7
28-Nov-12 10:49

APPENDIX I : MUD REPORTS

Number of pages : *23*

Summary of the content: Daily Mud Reports for Gobineau#1

DRILLING FLUID REPORT

Halliburton - Baroid

Investican Energ	**Well Name:** Gobineau #1	**11/18/2012**
L.S.D.:	**Rig #:** Foragas #3	**Spud Date:** @
Wade Augot	**Report For:** Greg MacKinnon	**Report # :** 1 **Total Days:** 1

DRILLING FLUID PROPERTIES

Time	**13:00**	24hr.
Depth M.D.	**101**	meters
Depth T.V.D.		meters
Density	**1090**	kg/m^3
Funnel Viscosity	**32**	sec/L
Fann 600		
Fann 300		
Fann 200		
Fann 100		
Fann 6		
Fann 3		
10 Sec. Gel Strength		Pa
10 Min. Gel Strength		Pa
30 Min. Gel Strength		Pa
Apparent Viscosity	**0**	mPa-sec
Plastic Viscosity	**0**	mPa-sec
Yield Point	**0**	Pa
Fluid Loss		ml/30 min
Filter Cake		mm
pH Strip / Meter	**7**	scale
Alkalinity pF		ml
Alkalinity mF		ml
Chloride	**71000**	mg/L
Calcium	**560**	mg/L
Carbonates	**0**	mg/L
Bicarbonates	**0**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**0.944**	vol frac
Solids Content	**0.056**	vol frac
Low "n" value	**#DIV/0!**	slope
Low "K" value	**#DIV/0!**	dyn-sec/cm^2
High "n" value	**#DIV/0!**	slope
High "K" value	**#DIV/0!**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**146**	kg/m³
Drill Solids	**146**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing			
D.P.			100.8
HWDP			
D.C. # 1			

SURVEYS

Depth (m)			
Survey °			

PUMP DATA

#1 PUMP: #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	Total L / min.	Total m^3 / min.
# 1			100	0.00		0.0		
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement		%
Tank Volume		m^3
Circulating Pressure:		kPa
Adjusted Hole Size	311.0	mm
String Capacity	0.0	m^3
String Displacement	0.0	m^3
Casing Ann Volume	0.0	m^3
Annular Volume	7.7	m^3
Total Volume	7.7	m^3
Bottoms Up	#DIV/0!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#DIV/0!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.7	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	#DIV/0!	m/min
Ann. Vel. D.P.Csg.	#DIV/0!	m/min
Ann. Vel. HWDP	#DIV/0!	m/min
Ann. Vel. D.C # 1	#DIV/0!	m/min

BIT DATA

Bit #		Depth In		meters
Size mm		Depth Out		meters
Type		Hours Run		hrs.
RPM		Noz Vel.	#DIV/0!	m/sec
Weight dN		Bit HHP	#DIV/0!	KW
ROP		Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

FLOWLINE CLEANERS - MESH SIZES

Shaker #1				
Shaker #2				

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na		
Desilter	na		
Other	na		

FLUID ACCOUNTING	0:00-12:00	12:00-24:00
Premix added (m^3)		
Water added (m^3)	23.0	0.0
Volume discarded (m^3)		
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	23.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

##########

Presently: Wating on orders

Materials Used Since Last Report

Material	Amt.	Price	Cost
Caustic Soda			$0.00
Bentonite			$0.00
Sawdust			$0.00
Lime			$0.00
Soda Ash			$0.00
Drilling Detergent			$0.00
Envirofloc			$0.00
Floxit			$0.00
Drispac R			$0.00
Lignite			$0.00
Barite			$0.00
Engineering			$995.00
Cellophane			$0.00

Daily Cost	$	995.00
Previous Cost		
Total Cost $	$	995.00

RECOMMENDATIONS

Pumped 3 LCM pills @ 200 sec./L + viscosity @ 3 m3 / pill . Let each pill set in hole for 30 min. Then after last pill spotted tried to circulate with reduced pump rate but did not get returns. Prepare to pump cement plug if permission obtained.

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
902 633 2424		**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	11/20/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	@ 10/11/12
Report For:	Wade Augot	**Report For:**	Greg MacKinnon	**Report #:** 2	**Total Days:** 2

DRILLING FLUID PROPERTIES

Time	**8:00**	24hr.
Depth M.D.	**101**	meters
Depth T.V.D.		meters
Density	**1050**	kg/m^3
Funnel Viscosity	**33**	sec/L
Fann 600		
Fann 300		
Fann 200		
Fann 100		
Fann 6		
Fann 3		
10 Sec. Gel Strength		Pa
10 Min. Gel Strength		Pa
30 Min. Gel Strength		Pa
Apparent Viscosity	**0**	mPa-sec
Plastic Viscosity	**0**	mPa-sec
Yield Point	**0**	Pa
Fluid Loss		ml/30 min
Filter Cake		mm
pH Strip / Meter	**7**	scale
Alkalinity pF		ml
Alkalinity mF		ml
Chloride	**33000**	mg/L
Calcium	**380**	mg/L
Carbonates	**0**	mg/L
Bicarbonates	**0**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**0.969**	vol frac
Solids Content	**0.031**	vol frac
Low "n" value	**#DIV/0!**	slope
Low "K" value	**#DIV/0!**	dyn-sec/cm^2
High "n" value	**#DIV/0!**	slope
High "K" value	**#DIV/0!**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**81**	kg/m³
Drill Solids	**81**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing			
D.P.			100.8
HWDP			
D.C. # 1			

SURVEYS

Depth (m)			
Survey °			

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0		100	0.00		0.0		
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement		%
Tank Volume		m^3
Circulating Pressure:		kPa
Adjusted Hole Size	0.0	mm
String Capacity	0.0	m^3
String Displacement	0.0	m^3
Casing Ann Volume	0.0	m^3
Annular Volume	0.0	m^3
Total Volume	0.0	m^3
Bottoms Up	#DIV/0!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#DIV/0!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.3	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	#DIV/0!	m/min
Ann. Vel. D.P.Csg.	#DIV/0!	m/min
Ann. Vel. HWDP	#DIV/0!	m/min
Ann. Vel. D.C # 1	#DIV/0!	m/min

BIT DATA

Bit #		Depth In		meters
Size mm		Depth Out		meters
Type		Hours Run		hrs.
RPM		Noz Vel.	#DIV/0!	m/sec
Weight dN		Bit HHP	#DIV/0!	KW
ROP		Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

FLOWLINE CLEANERS - MESH SIZES

Shaker #1				
Shaker #2				

SOLIDS REMOVAL EQUIPMENT

	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)		
Water added (m^3)	0.0	0.0
Volume discarded (m^3)		
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Tried to pump readymix cement down well to seal fracture, unsucessful,tried to RIH, bit plugged with LCM.

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M	15	$37.41	$561.15
Cello size	15	$211.96	$3,179.40
Sawdust			$0.00
Lime			$0.00
Soda Ash			$0.00
Drilling Detergent			$0.00
Envirofloc			$0.00
Floxit			$0.00
Drispac R			$0.00
Lignite			$0.00
Barite			$0.00
Fed Zan D			$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

Wait on Halliburton to run cement plug.

**Any problems, questions or concers feel free to call anytime. Thanks

Daily Cost	$ 4,735.55
Previous Cost	$ 995.00
Total Cost $	$ 5,730.55

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	11/21/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	@ 10/11/12
Report For:	Ernie LaRue	**Report For:**	Greg MacKinnon	**Report # :** 3	**Total Days:** 10

DRILLING FLUID PROPERTIES

Time	**9:00**	24hr.
Depth M.D.	**101**	meters
Depth T.V.D.		meters
Density	**1030**	kg/m^3
Funnel Viscosity	**33**	sec/L
Fann 600		
Fann 300		
Fann 200		
Fann 100		
Fann 6		
Fann 3		
10 Sec. Gel Strength		Pa
10 Min. Gel Strength		Pa
30 Min. Gel Strength		Pa
Apparent Viscosity	**0**	mPa-sec
Plastic Viscosity	**0**	mPa-sec
Yield Point	**0**	Pa
Fluid Loss		ml/30 min
Filter Cake		mm
pH Strip / Meter	**7**	scale
Alkalinity pF		ml
Alkalinity mF		ml
Chloride	**22000**	mg/L
Calcium	**440**	mg/L
Carbonates	**0**	mg/L
Bicarbonates	**0**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**0.981**	vol frac
Solids Content	**0.019**	vol frac
Low "n" value	**#DIV/0!**	slope
Low "K" value	**#DIV/0!**	dyn-sec/cm^2
High "n" value	**#DIV/0!**	slope
High "K" value	**#DIV/0!**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**49**	kg/m³
Drill Solids	**49**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing			
D.P.			100.8
HWDP			
D.C. # 1			

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #		Depth In		meters
Size mm		Depth Out		meters
Type		Hours Run		hrs.
RPM		Noz Vel.	#DIV/0!	m/sec
Weight dN		Bit HHP	#DIV/0!	KW
ROP		Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

PUMP DATA

	#1 PUMP:				#2 PUMP:			
	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total**	**Total**
# 1	165.0		100	0.00		0.0	**L / min.**	**m^3 / min.**
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement		%
Tank Volume		m^3
Circulating Pressure:		kPa
Adjusted Hole Size	0.0	mm
String Capacity	0.0	m^3
String Displacement	0.0	m^3
Casing Ann Volume	0.0	m^3
Annular Volume	0.0	m^3
Total Volume	0.0	m^3
Bottoms Up	#DIV/0!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#DIV/0!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.1	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	#DIV/0!	m/min
Ann. Vel. D.P.Csg.	#DIV/0!	m/min
Ann. Vel. HWDP	#DIV/0!	m/min
Ann. Vel. D.C # 1	#DIV/0!	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1				
Shaker #2				

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)		
Water added (m^3)	0.0	0.0
Volume discarded (m^3)		
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Down for rig repairs, drilling line caught in crown block, damage to line, estimated 1-2 days for repairs. This problem occurred whiile running in hole to drill out cement plug.

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo		$211.96	$0.00
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
Barite		$39.86	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

When back drilling, drill cement with water, isolate one rig tank and use for suction and returns. We will discard or treat fluid after cement is drilled. We will adjust fluid as req,d when drilling formation.

**Any problems, questions or concers feel free to call anytime. Thanks

Daily Cost	$ 995.00		
Previous Cost	$ 5,730.55		
Total Cost $	$ 6,725.55		

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	11/22/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	11//10/2012
Report For:	Ernie LaRue	**Report For:**	Greg MacKinnon	**Report # :** 4	**Total Days:** 12

DRILLING FLUID PROPERTIES

Time	**9:00**	24hr.
Depth M.D.	**101**	meters
Depth T.V.D.		meters
Density	**1025**	kg/m^3
Funnel Viscosity	**33**	sec/L
Fann 600		
Fann 300		
Fann 200		
Fann 100		
Fann 6		
Fann 3		
10 Sec. Gel Strength		Pa
10 Min. Gel Strength		Pa
30 Min. Gel Strength		Pa
Apparent Viscosity	**0**	mPa-sec
Plastic Viscosity	**0**	mPa-sec
Yield Point	**0**	Pa
Fluid Loss		ml/30 min
Filter Cake		mm
pH Strip / Meter	**7**	scale
Alkalinity pF		ml
Alkalinity mF		ml
Chloride	**20000**	mg/L
Calcium	**480**	mg/L
Carbonates	**0**	mg/L
Bicarbonates	**0**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**0.984**	vol frac
Solids Content	**0.016**	vol frac
Low "n" value	**#DIV/0!**	slope
Low "K" value	**#DIV/0!**	dyn-sec/cm^2
High "n" value	**#DIV/0!**	slope
High "K" value	**#DIV/0!**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**41**	kg/m³
Drill Solids	**41**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing			
D.P.			100.8
HWDP			
D.C. # 1			

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #		Depth In		meters
Size mm		Depth Out		meters
Type		Hours Run		hrs.
RPM		Noz Vel.	#DIV/0!	m/sec
Weight dN		Bit HHP	#DIV/0!	KW
ROP		Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

PUMP DATA

	#1 PUMP:				#2 PUMP:			
	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0		100	0.00		0.0		
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement		%
Tank Volume		m^3
Circulating Pressure:		kPa
Adjusted Hole Size	0.0	mm
String Capacity	0.0	m^3
String Displacement	0.0	m^3
Casing Ann Volume	0.0	m^3
Annular Volume	0.0	m^3
Total Volume	0.0	m^3
Bottoms Up	#DIV/0!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#DIV/0!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.1	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	#DIV/0!	m/min
Ann. Vel. D.P.Csg.	#DIV/0!	m/min
Ann. Vel. HWDP	#DIV/0!	m/min
Ann. Vel. D.C # 1	#DIV/0!	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1				
Shaker #2				

SOLIDS REMOVAL EQUIPMENT

	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)		
Water added (m^3)	0.0	0.0
Volume discarded (m^3)		
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Down for rig repairs, dr drilling line caught in crown block, damage to line, estimated 1-2 days for repairs. This problem occurred whiile running in hole to drill out cement plug.
Wait on welder to repair crown block,then restring line andreinstall block and string.

Remote tank has approx. 15 m3 saturated brine (wt. 1200kg./m3, CL 195000 mg./L)

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo		$211.96	$0.00
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
Barite		$39.86	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

When back drilling, drill cement with water, isolate one rig tank and use for suction and returns. We will discard or treat fluid after cement is drilled. We will adjust fluid as req,d when drilling formation.

**Any problems, questions or concers feel free to call anytime. Thanks

Daily Cost	$ 995.00		
Previous Cost	$ 6,725.00	**Phone:**	**Phone:**
Total Cost $	$ 7,720.00	**Cellular:** 902 456 6752	**Engineer #:** 403 231 9483

Field Representative: Lloyd Anthony

Warehouse:

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	11/23/3012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	@ 10/11/12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 5	**Total Days:** 12

DRILLING FLUID PROPERTIES

Time	**9:00**	24hr.
Depth M.D.	**113**	meters
Depth T.V.D.		meters
Density	**1040**	kg/m^3
Funnel Viscosity	**32**	sec/L
Fann 600		
Fann 300		
Fann 200		
Fann 100		
Fann 6		
Fann 3		
10 Sec. Gel Strength		Pa
10 Min. Gel Strength		Pa
30 Min. Gel Strength		Pa
Apparent Viscosity	**0**	mPa-sec
Plastic Viscosity	**0**	mPa-sec
Yield Point	**0**	Pa
Fluid Loss		ml/30 min
Filter Cake		mm
pH Strip / Meter	**7**	scale
Alkalinity pF		ml
Alkalinity mF		ml
Chloride	**28000**	mg/L
Calcium	**1280**	mg/L
Carbonates	**0**	mg/L
Bicarbonates	**0**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**0.975**	vol frac
Solids Content	**0.025**	vol frac
Low "n" value	**#DIV/0!**	slope
Low "K" value	**#DIV/0!**	dyn-sec/cm^2
High "n" value	**#DIV/0!**	slope
High "K" value	**#DIV/0!**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**65**	kg/m³
Drill Solids	**65**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing			
D.P.			113.0
HWDP			
D.C. # 1			

SURVEYS

Depth (m)			
Survey °			

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47		0.0		
# 2				0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement		%
Tank Volume		m^3
Circulating Pressure:		kPa
Adjusted Hole Size	311.0	mm
String Capacity	0.0	m^3
String Displacement	0.0	m^3
Casing Ann Volume	0.0	m^3
Annular Volume	8.6	m^3
Total Volume	8.6	m^3
Bottoms Up	#DIV/0!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#DIV/0!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.2	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	0.0	m/min
Ann. Vel. D.P.Csg.	#DIV/0!	m/min
Ann. Vel. HWDP	0.0	m/min
Ann. Vel. D.C # 1	0.0	m/min

BIT DATA

Bit #	1	Depth In	100.0	meters
Size mm	311.0	Depth Out		meters
Type	Smith XR Plus	Hours Run		hrs.
RPM		Noz Vel.	#DIV/0!	m/sec
Weight dN		Bit HHP	#DIV/0!	KW
ROP	2.3	Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110	
Shaker #2				

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)		
Water added (m^3)	50.0	0.0
Volume discarded (m^3)	75.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	50.0	0.0
Total fluid discarded (m^3)	75.0	0.0

REMARKS

Drill cement plug,no issues, drill formation, lose circ 2 meters from plug (103 m.) Drill to 113 m. without returns, pumped several viscous LCM pills to try to slow losses and continue drilling Run out of water @ 113 m. POH to run second cement plug.

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M	33	$37.41	$1,234.53
N-Dril Lo	3	$211.96	$635.88
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
Barite		$39.86	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

When back drilling, drill cement with water, isolate one rig tank and use for suction and returns. We will discard or treat fluid after cement is drilled. We will adjust fluid as required when drilling formation.

**Any problems, questions or concers feel free to call anytime. Thanks

Daily Cost	$ 2,865.41
Previous Cost	$ 7,720.55
Total Cost $	$ 10,585.96

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:** Gobineau # 1	**Date:** 11/24/2012
L.S.D.:		**Rig #:** Foragaz # 3	**Spud Date:** @ 10/11/12
Report For:	Ernie Leroux	**Report For:** Greg MacKinnon	**Report #:** 6 **Total Days:** 13

DRILLING FLUID PROPERTIES

Time	**9:00**	24hr.
Depth M.D.	**140**	meters
Depth T.V.D.		meters
Density	**1060**	kg/m^3
Funnel Viscosity	**33**	sec/L
Fann 600		
Fann 300		
Fann 200		
Fann 100		
Fann 6		
Fann 3		
10 Sec. Gel Strength		Pa
10 Min. Gel Strength		Pa
30 Min. Gel Strength		Pa
Apparent Viscosity	**0**	mPa-sec
Plastic Viscosity	**0**	mPa-sec
Yield Point	**0**	Pa
Fluid Loss		ml/30 min
Filter Cake		mm
pH Strip / Meter	**12**	scale
Alkalinity pF		ml
Alkalinity mF		ml
Chloride	**44000**	mg/L
Calcium	**1720**	mg/L
Carbonates	**0**	mg/L
Bicarbonates	**0**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**0.963**	vol frac
Solids Content	**0.038**	vol frac
Low "n" value	**#DIV/0!**	slope
Low "K" value	**#DIV/0!**	dyn-sec/cm^2
High "n" value	**#DIV/0!**	slope
High "K" value	**#DIV/0!**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**97**	kg/m³
Drill Solids	**97**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	339.0	317.0	15.8
D.P.	102.0	85.0	49.0
HWDP			0.0
D.C. # 1	159.0	57.0	91.0

SURVEYS

Depth (m)	Survey °

BIT DATA

Bit #	1	Depth In	100.0	meters
Size mm	311.0	Depth Out		meters
Type	Smith	Hours Run	40.0	hrs.
RPM	50	Noz Vel.	15.4	m/sec
Weight dN	8	Bit HHP	#DIV/0!	KW
ROP	1.9	Jet Impact	150.9	N
Nozzles	16.0			mm
Nozzles	16.0	16.0		mm

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	45	561.2		
# 2			100	0.00		0.0	561.2	0.56

CIRCULATING SYSTEM

Hole Enlargement	5.0	%
Tank Volume	30.8	m^3
Circulating Pressure:	538	kPa
Adjusted Hole Size	318.7	mm
String Capacity	0.5	m^3
String Displacement	1.6	m^3
Casing Ann Volume	1.1	m^3
Annular Volume	7.8	m^3
Total Volume	40.2	m^3
Bottoms Up	15.9	min.
Surface to Bit	0.9	min.
Circulation Time	**71.7**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.4	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	8.3	m/min
Ann. Vel. D.P.Csg.	7.9	m/min
Ann. Vel. HWDP	7.4	m/min
Ann. Vel. D.C # 1	10.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110	
Shaker #2				

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)		
Water added (m^3)	15.0	0.0
Volume discarded (m^3)	25.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	15.0	0.0
Total fluid discarded (m^3)	25.0	0.0

REMARKS

drilling surface hole, drilling @ 140 m. Suffering some fluid losses , still have returns, having to add volume to maintain tank level, pumping viscous sweeps before running surveys. Have lost approx. 25 m3 fluid since drilling out,was building viscosity but gave up, too expensive to maintain with water additions

Total cst to date changed by $995, Wade asked that I add engineering For Nov 18. A travel day that should *Presently:* have been included.

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo	2	$211.96	$423.92
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer	1	$306.55	$306.55
N-Vis Plus		$240.47	$0.00
Barite		$39.86	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

Drilling ahead with water, pumping viscous sweep eeps as req'd, chlorides are remaining constant, wt. is creeping up due to drill solids, Ph and Ca are up due to cement contamination. Not treating either at this time It is not causing an issue and should correct itself with the water being added.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 1,725.47
Previous Cost	$ 11,580.55
Total Cost $	$ 13,306.02

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	11/25/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	@ 10/11/12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 7	**Total Days:** 14

DRILLING FLUID PROPERTIES

Time	**7:30**	24hr.
Depth M.D.	**162**	meters
Depth T.V.D.		meters
Density	**1010**	kg/m^3
Funnel Viscosity	**32**	sec/L
Fann 600		
Fann 300		
Fann 200		
Fann 100		
Fann 6		
Fann 3		
10 Sec. Gel Strength		Pa
10 Min. Gel Strength		Pa
30 Min. Gel Strength		Pa
Apparent Viscosity	**0**	mPa-sec
Plastic Viscosity	**0**	mPa-sec
Yield Point	**0**	Pa
Fluid Loss		ml/30 min
Filter Cake		mm
pH Strip / Meter	**10**	scale
Alkalinity pF		ml
Alkalinity mF		ml
Chloride	**10000**	mg/L
Calcium	**1400**	mg/L
Carbonates	**0**	mg/L
Bicarbonates	**0**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**0.994**	vol frac
Solids Content	**0.006**	vol frac
Low "n" value	**#DIV/0!**	slope
Low "K" value	**#DIV/0!**	dyn-sec/cm^2
High "n" value	**#DIV/0!**	slope
High "K" value	**#DIV/0!**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**16**	kg/m³
Drill Solids	**16**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	339.0	317.0	15.8
D.P.	102.0	85.0	71.0
HWDP			0.0
D.C. # 1	159.0	57.0	91.0

SURVEYS

Depth (m)	Survey °

BIT DATA

Bit #	1	Depth In	100.0	meters
Size mm	311.0	Depth Out		meters
Type	Smith	Hours Run	40.0	hrs.
RPM	50	Noz Vel.	0.0	m/sec
Weight dN	8	Bit HHP	#DIV/0!	KW
ROP	1.9	Jet Impact	0.0	N
Nozzles	16.0			mm
Nozzles	16.0	16.0		mm

PUMP DATA

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	Total L / min.	Total m^3 / min.
#1 PUMP:								
# 1	165.0	216.0	90	12.47	0	0.0		
#2 PUMP:								
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement	5.0	%
Tank Volume	29.3	m^3
Circulating Pressure:	538	kPa
Adjusted Hole Size	318.7	mm
String Capacity	0.6	m^3
String Displacement	1.6	m^3
Casing Ann Volume	1.1	m^3
Annular Volume	9.4	m^3
Total Volume	40.4	m^3
Bottoms Up	#DIV/0!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#DIV/0!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	9.9	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	0.0	m/min
Ann. Vel. D.P.Csg.	0.0	m/min
Ann. Vel. HWDP	0.0	m/min
Ann. Vel. D.C # 1	0.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT

	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)		
Water added (m^3)	75.0	0.0
Volume discarded (m^3)	75.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	75.0	0.0
Total fluid discarded (m^3)	75.0	0.0

REMARKS

TD'd surface hole @ 3:30 this AM @ 162 m. Rigging up to run 244.5 csg. Then cement same !
Drilled 30 m (19 hrs.) with seapage losses, lost approx. 75 m3 during that time. time, maintained returns throughout.

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo	9	$211.96	$1,907.64
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
Barite		$39.86	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

While WOC clean tanks and flowline, spud next section with water in tanks. We will adjust properties as required.

**Anyproblems, questions ns or concerns feel free to call anytim time. Thanx Lloyd

Daily Cost	$ 2,902.64
Previous Cost	$ 13,306.02
Total Cost $	$ 16,208.66

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	11/25/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 8	**Total Days:** 15

DRILLING FLUID PROPERTIES

Time	**7:00**	24hr.
Depth M.D.	**162**	meters
Depth T.V.D.		meters
Density	**1010**	kg/m^3
Funnel Viscosity	**32**	sec/L
Fann 600		
Fann 300		
Fann 200		
Fann 100		
Fann 6		
Fann 3		
10 Sec. Gel Strength		Pa
10 Min. Gel Strength		Pa
30 Min. Gel Strength		Pa
Apparent Viscosity	**0**	mPa-sec
Plastic Viscosity	**0**	mPa-sec
Yield Point	**0**	Pa
Fluid Loss		ml/30 min
Filter Cake		mm
pH Strip / Meter	**10**	scale
Alkalinity pF		ml
Alkalinity mF		ml
Chloride	**9000**	mg/L
Calcium	**1320**	mg/L
Carbonates	**0**	mg/L
Bicarbonates	**0**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**0.994**	vol frac
Solids Content	**0.006**	vol frac
Low "n" value	**#DIV/0!**	slope
Low "K" value	**#DIV/0!**	dyn-sec/cm^2
High "n" value	**#DIV/0!**	slope
High "K" value	**#DIV/0!**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**16**	kg/m³
Drill Solids	**16**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	244.5	226.6	162.0
D.P.			
HWDP			
D.C. # 1			

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	1	Depth In	100.0	meters
Size mm	311.0	Depth Out		meters
Type	Smith	Hours Run	40.0	hrs.
RPM	50	Noz Vel.	0.0	m/sec
Weight dN	8	Bit HHP	#DIV/0!	KW
ROP	1.9	Jet Impact	0.0	N
Nozzles	16.0			mm
Nozzles	16.0	16.0		mm

PUMP DATA

	#1 PUMP:				#2 PUMP:			
	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	0	0.0		
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement	5.0	%
Tank Volume	30.8	m^3
Circulating Pressure:	538	kPa
Adjusted Hole Size	318.7	mm
String Capacity	0.0	m^3
String Displacement	1.6	m^3
Casing Ann Volume	6.5	m^3
Annular Volume	0.0	m^3
Total Volume	37.3	m^3
Bottoms Up	#DIV/0!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#DIV/0!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	9.9	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	0.0	m/min
Ann. Vel. D.P.Csg.	0.0	m/min
Ann. Vel. HWDP	0.0	m/min
Ann. Vel. D.C # 1	0.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT

	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)		
Water added (m^3)		0.0
Volume discarded (m^3)		
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

run 244 mm csg. And cement same, nippling up.
1 pail defoamer used while cementing.
4 sx. Salt used to keep rig lines from freezing.

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo		$211.96	$0.00
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer	1	$306.55	$306.55
N-Vis Plus		$240.47	$0.00
Barite		$39.86	$0.00
Salt	4	$35.80	$143.20
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

When we drill out we will drill out with water , pumping viscous sweeps as req,d to clean hole.
(approx. every 10 m.) We will not v t vis up unless necessary to clean hole because os lost circ. Concerns.
Run as fine as possible screens on shaker!
We will treat water after drilling cement if required.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 1,444.75
Previous Cost	$ 16,306.02
Total Cost $	$ 17,750.77

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	11/27/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 9	**Total Days:** 16

DRILLING FLUID PROPERTIES

Time	**9:00**	24hr.
Depth M.D.	**183**	meters
Depth T.V.D.		meters
Density	**1025**	kg/m^3
Funnel Viscosity	**32**	sec/L
Fann 600	**6**	
Fann 300	**3**	
Fann 200	**2**	
Fann 100	**1**	
Fann 6		
Fann 3		
10 Sec. Gel Strength	**1**	Pa
10 Min. Gel Strength	**1**	Pa
30 Min. Gel Strength	**1**	Pa
Apparent Viscosity		mPa-sec
Plastic Viscosity		mPa-sec
Yield Point		Pa
Fluid Loss	**nc**	ml/30 min
Filter Cake		mm
pH Strip / Meter	**11**	scale
Alkalinity pF	**2**	ml
Alkalinity mF	**4.8**	ml
Chloride	**12000**	mg/L
Calcium	**2600**	mg/L
Carbonates	**3263.04**	mg/L
Bicarbonates	**976**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**0.984**	vol frac
Solids Content	**0.016**	vol frac
Low "n" value	**#DIV/0!**	slope
Low "K" value	**#DIV/0!**	dyn-sec/cm^2
High "n" value	**1.00**	slope
High "K" value	**0.03**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**41**	kg/m³
Drill Solids	**41**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	244.5	226.6	162.0
D.P.	102.0	85.0	92.0
HWDP	0.0	0.0	0.0
D.C. # 1	159.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	2	Depth In	162.0	meters
Size mm	216.0	Depth Out		meters
Type	Smith	Hours Run	5.0	hrs.
RPM	70	Noz Vel.	72.0	m/sec
Weight dN	6.0	Bit HHP	#DIV/0!	KW
ROP	5.08	Jet Impact	1527.5	N
Nozzles	11.1			mm
Nozzles	11.1	11.1		mm

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	101	1259.5		
# 2			100	0.00		0.0	1259.5	1.26

CIRCULATING SYSTEM

Hole Enlargement	0.0	%
Tank Volume	32.4	m^3
Circulating Pressure:	4,560	kPa
Adjusted Hole Size	216.0	mm
String Capacity	0.8	m^3
String Displacement	1.6	m^3
Casing Ann Volume	5.2	m^3
Annular Volume	-0.5	m^3
Total Volume	37.9	m^3
Bottoms Up	3.8	min.
Surface to Bit	0.6	min.
Circulation Time	**30.1**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.1	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	44.2	m/min
Ann. Vel. D.P.Csg.	39.2	m/min
Ann. Vel. HWDP	34.4	m/min
Ann. Vel. D.C # 1	75.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110	
Shaker #2				

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Drilling 216m hole to core pt. no problems

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo		$211.96	$0.00
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
Barite		$39.86	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

When we drill out we will drill out with water , pumping viscous sweeps as req,d to clean hole.
(approx. every 10 m.). We will not \ t vis up unless necessary to clean hole because os lost circ. Concerns.
Run as fine as possible screens on shaker!
We will treat water after drilling cement if required.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 995.00
Previous Cost	$ 17,750.77
Total Cost $	$ 18,745.77

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	11/28/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 10	**Total Days:** 17

DRILLING FLUID PROPERTIES

Time	**9:00**	24hr.
Depth M.D.	**215**	meters
Depth T.V.D.		meters
Density	**1040**	kg/m^3
Funnel Viscosity	**40**	sec/L
Fann 600	**20**	
Fann 300	**12**	
Fann 200	**8**	
Fann 100	**5**	
Fann 6	**2**	
Fann 3	**1**	
10 Sec. Gel Strength	**1**	Pa
10 Min. Gel Strength	**1**	Pa
30 Min. Gel Strength	**1**	Pa
Apparent Viscosity	**10**	mPa-sec
Plastic Viscosity	**8**	mPa-sec
Yield Point	**4**	Pa
Fluid Loss	**13.0**	ml/30 min
Filter Cake	**0.5**	mm
pH Strip / Meter	**7.5**	scale
Alkalinity pF	**0.5**	ml
Alkalinity mF	**1**	ml
Chloride	**12000**	mg/L
Calcium	**940**	mg/L
Carbonates	**679.8**	mg/L
Bicarbonates	**0**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**0.975**	vol frac
Solids Content	**0.025**	vol frac
Low "n" value	**0.54**	slope
Low "K" value	**2.12**	dyn-sec/cm^2
High "n" value	**0.74**	slope
High "K" value	**0.62**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**65**	kg/m³
Drill Solids	**65**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	166.1	215.0
D.P.	102.0	85.0	0.0
HWDP	0.0	0.0	0.0
D.C. # 1	0.0	0.0	0.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	3	Depth In	162.0	meters
Size mm	156.0	Depth Out		meters
Type	Smith	Hours Run	5.0	hrs.
RPM	0	Noz Vel.	#DIV/0!	m/sec
Weight dN	6.00	Bit HHP	0.0	KW
ROP	0	Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

PUMP DATA

#1 PUMP: Dragon — #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	0	0.0		
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement	0.0	%
Tank Volume	39.5	m^3
Circulating Pressure:	4,560	kPa
Adjusted Hole Size	166.0	mm
String Capacity	0.0	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.9	m^3
Annular Volume	1.8	m^3
Total Volume	44.2	m^3
Bottoms Up	#DIV/0!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#DIV/0!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.2	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	0.0	m/min
Ann. Vel. D.P.Csg.	0.0	m/min
Ann. Vel. HWDP	0.0	m/min
Ann. Vel. D.C # 1	0.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT

	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Landed 177.8 casing @ 215 m and cemented same. No problems getting casing to bottom, had cement returns to surface, preparing to go in and drill cement, pressure test then start coring.

Salt used for rig lines

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo	4	$211.96	$847.84
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
Barite		$39.86	$0.00
Salt	6	$35.80	$214.80
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

We are building mud properties in mud tanks, raising vis, lowering fluid loss, adjusting ca and PH

We will continue to work at this until guidelines are met. We should be in good shape by drillout.

Today we will add products as req'd eq'd. we will add 60 kg./m3 salt and cw8551 ; 551 and B1008 as reqd.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 2,057.64		
Previous Cost	$ 18,745.77		
Total Cost $	$ 20,803.41		

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	11/29/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 11	**Total Days:** 18

DRILLING FLUID PROPERTIES

Time	**7:00**	24hr.
Depth M.D.	**216**	meters
Depth T.V.D.		meters
Density	**1080**	kg/m^3
Funnel Viscosity	**45**	sec/L
Fann 600	**34**	
Fann 300	**18**	
Fann 200	**13**	
Fann 100	**8**	
Fann 6	**2**	
Fann 3	**1**	
10 Sec. Gel Strength	**1**	Pa
10 Min. Gel Strength	**1**	Pa
30 Min. Gel Strength	**1**	Pa
Apparent Viscosity	**17**	mPa-sec
Plastic Viscosity	**8**	mPa-sec
Yield Point	**5**	Pa
Fluid Loss	**18.0**	ml/30 min
Filter Cake	**1**	mm
pH Strip / Meter	**10**	scale
Alkalinity pF	**1.5**	ml
Alkalinity mF	**2.5**	ml
Chloride	**43000**	mg/L
Calcium	**1800**	mg/L
Carbonates	**0**	mg/L
Bicarbonates	**0**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**0.950**	vol frac
Solids Content	**0.050**	vol frac
Low "n" value	**0.63**	slope
Low "K" value	**1.84**	dyn-sec/cm^2
High "n" value	**0.92**	slope
High "K" value	**0.30**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**130**	kg/m³
Drill Solids	**130**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	166.0	215.0
D.P.	102.0	85.0	0.0
HWDP	0.0	0.0	0.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	2	Depth In	162.0	meters
Size mm	216.0	Depth Out		meters
Type	Smith	Hours Run	5.0	hrs.
RPM	70	Noz Vel.	72.0	m/sec
Weight dN	6.0	Bit HHP	16.0	KW
ROP	5.08	Jet Impact	1609.5	N
Nozzles	11.1			mm
Nozzles	11.1	11.1		mm

PUMP DATA

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	Total L / min.	Total m^3 / min.
#1 PUMP:					#2 PUMP:			
# 1	165.0	216.0	90	12.47	101	1259.5		
# 2			100	0.00		0.0	1259.5	1.26

CIRCULATING SYSTEM

Hole Enlargement	0.0	%
Tank Volume	35.8	m^3
Circulating Pressure:	4,560	kPa
Adjusted Hole Size	155.0	mm
String Capacity	0.2	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.9	m^3
Annular Volume	0.8	m^3
Total Volume	39.8	m^3
Bottoms Up	3.0	min.
Surface to Bit	0.2	min.
Circulation Time	**31.6**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.6	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	44.2	m/min
Ann. Vel. D.P.Csg.	93.5	m/min
Ann. Vel. HWDP	34.4	m/min
Ann. Vel. D.C # 1	48.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Drill out cement, drill 1 m. new hole (155 mm.) do leak off test. POH hole to pick up core barrel.
When drilling cement ca went up and water loss became higher, will work to correct these today.

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo	15	$211.96	$3,179.40
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates	10	$43.05	$430.50
Cal Carb		$24.20	$0.00
CW 8551	4	$280.70	$1,122.80
GYP		$14.06	$0.00
XL Defoamer	2	$306.55	$613.10
N-Vis Plus	3	$240.47	$721.41
B-1008	2	$290.10	$580.20
Salt	60	$35.80	$2,148.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY
Add 4 sx BICARB @ 15 min./sk.
Add 3 sx. N-VIS PLUS @ 30 min./sk.
Add 10 sx. SALT @ 3 min./sk.
Other additions may be req'd to obtain necessary properties, will advise later.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 9,790.41
Previous Cost	$ 20,803.41
Total Cost $	$ 30,593.82

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	11/30/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 12	**Total Days:** 19

DRILLING FLUID PROPERTIES

Time	**0:00**	24hr.
Depth M.D.	**255**	meters
Depth T.V.D.		meters
Density	**1070**	kg/m^3
Funnel Viscosity	**58**	sec/L
Fann 600	**66**	
Fann 300	**40**	
Fann 200	**29**	
Fann 100	**17**	
Fann 6	**3**	
Fann 3	**2**	
10 Sec. Gel Strength	**1**	Pa
10 Min. Gel Strength	**2**	Pa
30 Min. Gel Strength	**2**	Pa
Apparent Viscosity	**33**	mPa-sec
Plastic Viscosity	**26**	mPa-sec
Yield Point	**7**	Pa
Fluid Loss	**5.0**	ml/30 min
Filter Cake	**1**	mm
pH Strip / Meter	**10**	scale
Alkalinity pF	**1**	ml
Alkalinity mF	**2**	ml
Chloride	**40000**	mg/L
Calcium	**1520**	mg/L
Carbonates	**1359.6**	mg/L
Bicarbonates	**0**	mg/L
Methylene Blue		kg/m^3
Sand Content		%
Oil Content		vol frac
Water Content	**#VALUE!**	vol frac
Solids Content	**Enter%**	vol frac
Low "n" value	**0.65**	slope
Low "K" value	**3.54**	dyn-sec/cm^2
High "n" value	**0.72**	slope
High "K" value	**2.26**	dyn-sec/cm^2
A.S.G.	**#VALUE!**	Spec.Grav.
Lo-Grav Solids	**#VALUE!**	kg/m³
Drill Solids	**#VALUE!**	kg/m³
Hi-Grav Solids	**#VALUE!**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	166.0	255.0
D.P.	102.0	85.0	137.0
core BBL	145.0	70.0	27.0
D.C. # 1	120.0	51.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	3	Depth In	216.0	meters
Size mm	216.0	Depth Out		meters
Type	core bit	Hours Run		hrs.
RPM	70	Noz Vel.	#DIV/0!	m/sec
Weight dN	3.0	Bit HHP	0.0	KW
ROP	4.5	Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

PUMP DATA

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	Total L / min.	Total m^3 / min.
#1 PUMP:								
# 1	165.0	216.0	90	12.47		0.0		
#2 PUMP:								
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement	0.0	%
Tank Volume	29.8	m^3
Circulating Pressure:	4,560	kPa
Adjusted Hole Size	155.0	mm
String Capacity	1.1	m^3
String Displacement	1.6	m^3
Casing Ann Volume	3.4	m^3
Annular Volume	-0.5	m^3
Total Volume	33.8	m^3
Bottoms Up	#DIV/0!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#DIV/0!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.5	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	0.0	m/min
Ann. Vel. D.P.Csg.	0.0	m/min
Ann. Vel. HWDP	0.0	m/min
Ann. Vel. D.C # 1	0.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Coring, 2 runs, first one packed off at 12m. Second run packed off at 26 m. Just POOH with second core.
Properties good today,only salt content needs to be raised a little.

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo	2	$211.96	$423.92
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates	6	$43.05	$258.30
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus	4	$240.47	$961.88
B-1008		$290.10	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY
Add 10 sx. SALT that didn't get added yesterday
No other additions req'd

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 2,639.10
Previous Cost	$ 30,803.41
Total Cost $	$ 33,442.51

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	12/01/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 13	**Total Days:** 20

DRILLING FLUID PROPERTIES

Time	**6:30**	24hr.
Depth M.D.	**263**	meters
Depth T.V.D.	**263**	meters
Density	**1075**	kg/m^3
Funnel Viscosity	**56**	sec/L
Fann 600	**56**	
Fann 300	**34**	
Fann 200	**22**	
Fann 100	**13**	
Fann 6	**3**	
Fann 3	**2**	
10 Sec. Gel Strength	**1**	Pa
10 Min. Gel Strength	**2**	Pa
30 Min. Gel Strength	**2**	Pa
Apparent Viscosity	**28**	mPa-sec
Plastic Viscosity	**22**	mPa-sec
Yield Point	**6**	Pa
Fluid Loss	**4.0**	ml/30 min
Filter Cake	**1**	mm
pH Strip / Meter	**10**	scale
Alkalinity pF	**1**	ml
Alkalinity mF	**3.4**	ml
Chloride	**46000**	mg/L
Calcium	**1460**	mg/L
Carbonates	**2311.32**	mg/L
Bicarbonates	**1708**	mg/L
Methylene Blue	**0.0**	kg/m^3
Sand Content	**0**	%
Oil Content	**0.000**	vol frac
Water Content	**0.950**	vol frac
Solids Content	**0.050**	vol frac
Low "n" value	**0.62**	slope
Low "K" value	**3.75**	dyn-sec/cm^2
High "n" value	**0.72**	slope
High "K" value	**1.96**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**130**	kg/m³
Drill Solids	**130**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	166.0	215.0
D.P.	102.0	85.0	152.0
Core BBL	121.0	76.2	27.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	6	Depth In	255.0	meters
Size mm	155.0	Depth Out		meters
Type	core bit	Hours Run		hrs.
RPM	70	Noz Vel.	#DIV/0!	m/sec
Weight dN	3.0	Bit HHP	21.0	KW
ROP	?	Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	70	872.9		
# 2			100	0.00		0.0	872.9	0.87

CIRCULATING SYSTEM

Hole Enlargement	0.0	%
Tank Volume	32.9	m^3
Circulating Pressure:	4,560	kPa
Adjusted Hole Size	155.0	mm
String Capacity	1.2	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.9	m^3
Annular Volume	0.2	m^3
Total Volume	37.2	m^3
Bottoms Up	3.5	min.
Surface to Bit	1.4	min.
Circulation Time	**42.6**	min.
Hydrostatic Pressure	2770.4	kPa
Mud Gradient	10.5	kPa/m
EC Density	1249.2	kg/m^3
Ann. Vel. D.P.	81.6	m/min
Ann. Vel. D.P.Csg.	64.8	m/min
Ann. Vel. HWDP	118.4	m/min
Ann. Vel. D.C # 1	102.9	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Waiting on core bit,cored approx 50 m. Scrubed 3 bits, only had 3 on location, waiting for more to be shipped.
Circulating hole,mud in good condition.

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo		$211.96	$0.00
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
B-1008		$290.10	$0.00
Salt	10	$35.80	$358.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY
No additions req'd.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 1,353.00
Previous Cost	$ 33,442.51
Total Cost $	$ 34,795.51

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:** Gobineau # 1	**Date:** 12/02/2012
L.S.D.:		**Rig #:** Foragaz # 3	**Spud Date:** 10-Nov-12
Report For:	Ernie Leroux	**Report For:** Greg MacKinnon	**Report #:** 14 **Total Days:** 21

DRILLING FLUID PROPERTIES

Time	**7:30**	24hr.
Depth M.D.	**267**	
Depth T.V.D.		meters
Density	**1080**	kg/m^3
Funnel Viscosity	**53**	sec/L
Fann 600	**54**	
Fann 300	**33**	
Fann 200	**22**	
Fann 100	**13**	
Fann 6	**3**	
Fann 3	**2**	
10 Sec. Gel Strength	**2**	Pa
10 Min. Gel Strength	**3**	Pa
30 Min. Gel Strength	**2**	Pa
Apparent Viscosity	**26.5**	mPa-sec
Plastic Viscosity	**21**	mPa-sec
Yield Point	**6**	Pa
Fluid Loss	**3.5**	ml/30 min
Filter Cake	**0.75**	mm
pH Strip / Meter	**10**	scale
Alkalinity pF	**0.5**	ml
Alkalinity mF	**3.8**	ml
Chloride	**47000**	mg/L
Calcium	**1400**	mg/L
Carbonates	**2583.24**	mg/L
Bicarbonates	**3416**	mg/L
Methylene Blue	**0.0**	kg/m^3
Sand Content	**0**	%
Oil Content	**0.000**	vol frac
Water Content	**95.500**	vol frac
Solids Content	**4.500**	vol frac
Low "n" value	**0.61**	slope
Low "K" value	**3.79**	dyn-sec/cm^2
High "n" value	**0.71**	slope
High "K" value	**2.01**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**11700**	kg/m³
Drill Solids	**11700**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	159.6	215.0
D.P.	102.0	85.0	149.0
core bbl	121.0	57.0	27.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	5	Depth In	255.0	meters
Size mm	155.0	Depth Out		meters
Type	core bit	Hours Run		hrs.
RPM	70	Noz Vel.	#DIV/0!	m/sec
Weight dN	3.0	Bit HHP	17.0	KW
ROP	4.5	Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	56	698.3		
# 2			100	0.00		0.0	698.3	0.70

CIRCULATING SYSTEM

Hole Enlargement	0.0	%
Tank Volume	33.1	m^3
Circulating Pressure:	4,560	kPa
Adjusted Hole Size	155.0	mm
String Capacity	1.1	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.5	m^3
Annular Volume	0.3	m^3
Total Volume	37.0	m^3
Bottoms Up	4.0	min.
Surface to Bit	1.6	min.
Circulation Time	**53.0**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.6	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	65.3	m/min
Ann. Vel. D.P.Csg.	59.0	m/min
Ann. Vel. HWDP	94.7	m/min
Ann. Vel. D.C # 1	82.3	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Wait on core bit, arrived @ approx. 9:00 PM , Dec 01, RIH, core approx. 2 m. pack off.

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo		$211.96	$0.00
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
B-1008		$290.10	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY

No additions req'd today.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 995.00
Previous Cost	$ 34,795.51
Total Cost $	$ 35,790.51

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	12/03/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 15	**Total Days:** 22

DRILLING FLUID PROPERTIES

Time	**7:00**	24hr.
Depth M.D.	**301**	
Depth T.V.D.		meters
Density	**1095**	kg/m^3
Funnel Viscosity	**55**	sec/L
Fann 600	**55**	
Fann 300	**33**	
Fann 200	**23**	
Fann 100	**13**	
Fann 6	**3**	
Fann 3	**2**	
10 Sec. Gel Strength	**1.5**	Pa
10 Min. Gel Strength	**2.5**	Pa
30 Min. Gel Strength	**3**	Pa
Apparent Viscosity	**27.5**	mPa-sec
Plastic Viscosity	**22**	mPa-sec
Yield Point	**5.5**	Pa
Fluid Loss	**3.5**	ml/30 min
Filter Cake	**0.75**	mm
pH Strip / Meter	**10**	scale
Alkalinity pF	**0.5**	ml
Alkalinity mF	**4**	ml
Chloride	**47000**	mg/L
Calcium	**1360**	mg/L
Carbonates	**2719.2**	mg/L
Bicarbonates	**3660**	mg/L
Methylene Blue	**0.0**	kg/m^3
Sand Content	**0**	%
Oil Content	**0.000**	vol frac
Water Content	**95.000**	vol frac
Solids Content	**5.000**	vol frac
Low "n" value	**0.61**	slope
Low "K" value	**3.79**	dyn-sec/cm^2
High "n" value	**0.74**	slope
High "K" value	**1.71**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**130**	kg/m³
Drill Solids	**130**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	159.6	215.0
D.P.	102.0	85.0	175.0
core bbl	121.0	57.0	27.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	5	Depth In	255.0	meters
Size mm	155.0	Depth Out		meters
Type	core bit	Hours Run		hrs.
RPM	70	Noz Vel.	#DIV/0!	m/sec
Weight dN	3.0	Bit HHP	0.0	KW
ROP	4.5	Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	0	0.0		
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement	0.0	%
Tank Volume	30.5	m^3
Circulating Pressure:	0	kPa
Adjusted Hole Size	155.0	mm
String Capacity	1.3	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.5	m^3
Annular Volume	0.7	m^3
Total Volume	35.0	m^3
Bottoms Up	#DIV/0!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#DIV/0!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.7	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	0.0	m/min
Ann. Vel. D.P.Csg.	0.0	m/min
Ann. Vel. HWDP	0.0	m/min
Ann. Vel. D.C # 1	0.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Drill 2 sucessful 18 m. runs of core, RIH for 3rd Run.

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo		$211.96	$0.00
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
B-1008		$290.10	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY

No additions req'd today.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 995.00
Previous Cost	$ 35,790.51
Total Cost $	$ 36,785.51

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1
L.S.D.:		**Rig #:**	Foragaz # 3
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon

Date:	12/04/2012		
Spud Date:	10-Nov-12		
Report #:	16	**Total Days:**	23

DRILLING FLUID PROPERTIES

Time	**7:15**	24hr.
Depth M.D.	**325**	
Depth T.V.D.		meters
Density	**1095**	kg/m^3
Funnel Viscosity	**55**	sec/L
Fann 600	**55**	
Fann 300	**33**	
Fann 200	**25**	
Fann 100	**14**	
Fann 6	**2.5**	
Fann 3	**1.5**	
10 Sec. Gel Strength	**1.5**	Pa
10 Min. Gel Strength	**2.5**	Pa
30 Min. Gel Strength	**3**	Pa
Apparent Viscosity	**27.5**	mPa-sec
Plastic Viscosity	**22**	mPa-sec
Yield Point	**5.5**	Pa
Fluid Loss	**3.5**	ml/30 min
Filter Cake	**0.75**	mm
pH Strip / Meter	**9.5**	scale
Alkalinity pF	**0.5**	ml
Alkalinity mF	**2.8**	ml
Chloride	**44000**	mg/L
Calcium	**1360**	mg/L
Carbonates	**1903.44**	mg/L
Bicarbonates	**2196**	mg/L
Methylene Blue	**7.0**	kg/m^3
Sand Content	**0**	%
Oil Content	**0.000**	vol frac
Water Content	**95.000**	vol frac
Solids Content	**5.000**	vol frac
Low "n" value	**0.67**	slope
Low "K" value	**2.56**	dyn-sec/cm^2
High "n" value	**0.74**	slope
High "K" value	**1.71**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**130**	kg/m³
Drill Solids	**123**	kg/m³
Hi-Grav Solids		kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	159.6	215.0
D.P.	102.0	85.0	198.0
core bbl	121.0	57.0	36.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	5	Depth In	320.0	meters
Size mm	156.0	Depth Out		meters
Type	core bit	Hours Run		hrs.
RPM	70	Noz Vel.	#DIV/0!	m/sec
Weight dN	1.5	Bit HHP	18.9	KW
ROP	5.73	Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	63	785.6		
# 2			100	0.00		0.0	785.6	0.79

CIRCULATING SYSTEM

Hole Enlargement	0.0	%
Tank Volume	32.0	m^3
Circulating Pressure:	0	kPa
Adjusted Hole Size	155.0	mm
String Capacity	1.4	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.5	m^3
Annular Volume	0.9	m^3
Total Volume	36.8	m^3
Bottoms Up	4.3	min.
Surface to Bit	1.8	min.
Circulation Time	**46.9**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.7	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	71.8	m/min
Ann. Vel. D.P.Csg.	66.4	m/min
Ann. Vel. HWDP	103.2	m/min
Ann. Vel. D.C # 1	90.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Drill 18 m. core, bit schrubbed, wait on new core bit .

2 sx. N-DRILL written off, wet and unusable.

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo	2	$211.96	$423.92
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
B-1008		$290.10	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY

No additions req'd today.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 1,418.92
Previous Cost	$ 36,785.51
Total Cost $	$ 38,204.43

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	12/05/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 17	**Total Days:** 24

DRILLING FLUID PROPERTIES

Time	**6:30**	24hr.
Depth M.D.	**370**	
Depth T.V.D.		meters
Density	**1100**	kg/m^3
Funnel Viscosity	**52**	sec/L
Fann 600	**53**	
Fann 300	**32**	
Fann 200	**22**	
Fann 100	**12**	
Fann 6	**2.5**	
Fann 3	**1.5**	
10 Sec. Gel Strength	**1.5**	Pa
10 Min. Gel Strength	**2.5**	Pa
30 Min. Gel Strength	**3**	Pa
Apparent Viscosity	**26**	mPa-sec
Plastic Viscosity	**21**	mPa-sec
Yield Point	**5.5**	Pa
Fluid Loss	**3.2**	ml/30 min
Filter Cake	**0.75**	mm
pH Strip / Meter	**9.5**	scale
Alkalinity pF	**0.5**	ml
Alkalinity mF	**1.5**	ml
Chloride	**44000**	mg/L
Calcium	**1380**	mg/L
Carbonates	**1019.7**	mg/L
Bicarbonates	**610**	mg/L
Methylene Blue	**14.0**	kg/m^3
Sand Content	**0**	%
Oil Content	**0.000**	vol frac
Water Content	**94.500**	vol frac
Solids Content	**5.500**	vol frac
Low "n" value	**0.66**	slope
Low "K" value	**2.59**	dyn-sec/cm^2
High "n" value	**0.73**	slope
High "K" value	**1.75**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**136**	kg/m³
Drill Solids	**122**	kg/m³
Hi-Grav Solids	**0**	kg/m³
PHPA Content		kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	159.6	215.0
D.P.	102.0	85.0	243.0
core bbl	121.0	57.0	36.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	6	Depth In	336.0	meters
Size mm	156.0	Depth Out		meters
Type	core bit	Hours Run		hrs.
RPM	70	Noz Vel.	#DIV/0!	m/sec
Weight dN	1	Bit HHP	20.4	KW
ROP	2.5	Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	70	872.9		
# 2			100	0.00		0.0	872.9	0.87

CIRCULATING SYSTEM

Hole Enlargement	3.0	%
Tank Volume	34.8	m^3
Circulating Pressure:	0	kPa
Adjusted Hole Size	155.0	mm
String Capacity	1.7	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.5	m^3
Annular Volume	1.3	m^3
Total Volume	40.4	m^3
Bottoms Up	4.4	min.
Surface to Bit	1.9	min.
Circulation Time	**46.3**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.8	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	79.8	m/min
Ann. Vel. D.P.Csg.	73.7	m/min
Ann. Vel. HWDP	114.6	m/min
Ann. Vel. D.C # 1	100.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110	
Shaker #2				

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

drilling 36 m. core @ 2.5 - 3.0 m./hr , almost completed. No problems !

Pull core @ 7:30 AM

2 sx.N drill written off due to getting wet from ground up and not usable (product was tarped)

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo	2	$211.96	$423.92
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
B-1008		$290.10	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY

No additions req'd today.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 1,418.92
Previous Cost	$ 38,204.43
Total Cost $	$ 39,623.35

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	12/06/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 18	**Total Days:** 25

DRILLING FLUID PROPERTIES

Time	**7:00**	24hr.
Depth M.D.	**394**	
Depth T.V.D.		meters
Density	**1090**	kg/m^3
Funnel Viscosity	**46**	sec/L
Fann 600	**41**	
Fann 300	**24**	
Fann 200	**17**	
Fann 100	**10**	
Fann 6	**2.5**	
Fann 3	**1.5**	
10 Sec. Gel Strength	**1.5**	Pa
10 Min. Gel Strength	**2**	Pa
30 Min. Gel Strength	**2.5**	Pa
Apparent Viscosity	**23**	mPa-sec
Plastic Viscosity	**17**	mPa-sec
Yield Point	**3.5**	Pa
Fluid Loss	**3.5**	ml/30 min
Filter Cake	**0.75**	mm
pH Strip / Meter	**9.5**	scale
Alkalinity pF	**0.5**	ml
Alkalinity mF	**1.8**	ml
Chloride	**40000**	mg/L
Calcium	**1360**	mg/L
Carbonates	**1223.64**	mg/L
Bicarbonates	**976**	mg/L
Methylene Blue	**14.0**	kg/m^3
Sand Content	**0**	%
Oil Content	**0.000**	vol frac
Water Content	**95.000**	vol frac
Solids Content	**5.000**	vol frac
Low "n" value	**0.60**	slope
Low "K" value	**2.87**	dyn-sec/cm^2
High "n" value	**0.77**	slope
High "K" value	**0.99**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**92**	kg/m³
Drill Solids	**78**	kg/m³
Hi-Grav Solids	**38**	kg/m³
PHPA Content	**18.0**	kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	159.6	215.0
D.P.	102.0	85.0	267.0
core bbl	121.0	57.0	36.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	9RR	Depth In	394.0	meters
Size mm	156.0	Depth Out		meters
Type	core bit	Hours Run		hrs.
RPM	0	Noz Vel.	#DIV/0!	m/sec
Weight dN	0	Bit HHP	0.0	KW
ROP	0	Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

PUMP DATA

	#1 PUMP: Liner mm	Stroke mm	EFF. %	L / stroke	#2 PUMP: Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	0	0.0		
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement	3.0	%
Tank Volume	36.1	m^3
Circulating Pressure:	0	kPa
Adjusted Hole Size	156.0	mm
String Capacity	1.8	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.5	m^3
Annular Volume	1.6	m^3
Total Volume	42.1	m^3
Bottoms Up	#DIV/0!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#DIV/0!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.7	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	0.0	m/min
Ann. Vel. D.P.Csg.	0.0	m/min
Ann. Vel. HWDP	0.0	m/min
Ann. Vel. D.C # 1	0.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110	
Shaker #2				

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

RIH to drill core #13, last 2 runspacked off @ 13.5 m. and 7 m. .

2 sx.N drill written off due to getting wet from ground up and not usable (product was tarped)

Presently: 1 sk. Added to system.

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo	3	$211.96	$635.88
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
B-1008		$290.10	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY

Add 3 sx. N DRILL @ 30 min./sk. When told to by bymud man

Control foaming with DEFOAMER as req'd

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 1,630.88		
Previous Cost	$ 39,623.35		
Total Cost $	$ 41,254.23		

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1
L.S.D.:		**Rig #:**	Foragaz # 3
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon

Date:	12/07/2012		
Spud Date:	10-Nov-12		
Report # :	19	**Total Days:**	26

DRILLING FLUID PROPERTIES

Time	**7:00**	24hr.
Depth M.D.	**428**	
Depth T.V.D.		meters
Density	**1100**	kg/m^3
Funnel Viscosity	**51**	sec/L
Fann 600	**52**	
Fann 300	**32**	
Fann 200	**22**	
Fann 100	**13**	
Fann 6	**2.5**	
Fann 3	**1.5**	
10 Sec. Gel Strength	**1.5**	Pa
10 Min. Gel Strength	**2**	Pa
30 Min. Gel Strength	**2.5**	Pa
Apparent Viscosity	**26**	mPa-sec
Plastic Viscosity	**20**	mPa-sec
Yield Point	**6**	Pa
Fluid Loss	**4.6**	ml/30 min
Filter Cake	**0.75**	mm
pH Strip / Meter	**9.5**	scale
Alkalinity pF	**0.3**	ml
Alkalinity mF	**1.8**	ml
Chloride	**40000**	mg/L
Calcium	**1360**	mg/L
Carbonates	**1223.64**	mg/L
Bicarbonates	**1464**	mg/L
Methylene Blue	**14.0**	kg/m^3
Sand Content	**0**	%
Oil Content	**0.000**	vol frac
Water Content	**94.500**	vol frac
Solids Content	**5.500**	vol frac
Low "n" value	**0.66**	slope
Low "K" value	**2.59**	dyn-sec/cm^2
High "n" value	**0.70**	slope
High "K" value	**2.08**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**98**	kg/m³
Drill Solids	**84**	kg/m³
Hi-Grav Solids	**38**	kg/m³
PHPA Content	**18.0**	kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	159.6	215.0
D.P.	102.0	85.0	267.0
core bbl	121.0	57.0	36.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	9RR	Depth In	394.0	meters
Size mm	156.0	Depth Out		meters
Type	core bit	Hours Run		hrs.
RPM	53	Noz Vel.	#DIV/0!	m/sec
Weight dN	4.3	Bit HHP	20.4	KW
ROP	2.18	Jet Impact	#DIV/0!	N
Nozzles				mm
Nozzles				mm

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	70	872.9		
# 2			100	0.00		0.0	872.9	0.87

CIRCULATING SYSTEM

Hole Enlargement	3.0	%
Tank Volume	34.8	m^3
Circulating Pressure:	0	kPa
Adjusted Hole Size	156.0	mm
String Capacity	1.8	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.5	m^3
Annular Volume	2.3	m^3
Total Volume	41.4	m^3
Bottoms Up	5.5	min.
Surface to Bit	2.1	min.
Circulation Time	**47.5**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.8	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	79.8	m/min
Ann. Vel. D.P.Csg.	73.7	m/min
Ann. Vel. HWDP	114.6	m/min
Ann. Vel. D.C # 1	100.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110	
Shaker #2				

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Drilling core # 15, core # 14 packed off @ 21 m.

Added 2 sx. Of written off N - DRILL to system,

Presently: 1 sk. Added to system.

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo		$211.96	$0.00
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
B-1008		$290.10	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY

Add 1 pail B1008 and 2 pails CW8551, add 1 sk. sk N-DRILL and1 sk. N VIS PLUS @ I hr./sk.

Control foaming with DEFOAMER as req'd

Note B1008 and CW8551 already added.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 995.00
Previous Cost	$ 41,254.23
Total Cost $	$ 42,249.23

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	12/08/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 20	**Total Days:** 27

DRILLING FLUID PROPERTIES

Time	**7:00**	24hr.
Depth M.D.	**441**	
Depth T.V.D.		meters
Density	**1100**	kg/m^3
Funnel Viscosity	**56**	sec/L
Fann 600	**55**	
Fann 300	**33**	
Fann 200	**24**	
Fann 100	**13**	
Fann 6	**2.5**	
Fann 3	**1.5**	
10 Sec. Gel Strength	**1.5**	Pa
10 Min. Gel Strength	**2**	Pa
30 Min. Gel Strength	**2.5**	Pa
Apparent Viscosity	**27**	mPa-sec
Plastic Viscosity	**22**	mPa-sec
Yield Point	**5.5**	Pa
Fluid Loss	**3.1**	ml/30 min
Filter Cake	**0.75**	mm
pH Strip / Meter	**9**	scale
Alkalinity pF	**0.2**	ml
Alkalinity mF	**0.8**	ml
Chloride	**38000**	mg/L
Calcium	**1360**	mg/L
Carbonates	**543.84**	mg/L
Bicarbonates	**488**	mg/L
Methylene Blue	**14.0**	kg/m^3
Sand Content	**0**	%
Oil Content	**0.000**	vol frac
Water Content	**94.500**	vol frac
Solids Content	**5.500**	vol frac
Low "n" value	**0.67**	slope
Low "K" value	**2.56**	dyn-sec/cm^2
High "n" value	**0.74**	slope
High "K" value	**1.71**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**100**	kg/m³
Drill Solids	**86**	kg/m³
Hi-Grav Solids	**36**	kg/m³
PHPA Content	**18.0**	kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	159.6	215.0
D.P.	102.0	85.0	350.0
core bbl	121.0	57.0	0.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	10	Depth In	437.0	meters
Size mm	156.0	Depth Out		meters
Type	Smith XR20W	Hours Run	6.0	hrs.
RPM	75	Noz Vel.	68.2	m/sec
Weight dN	6.4	Bit HHP	21.0	KW
ROP	0.87	Jet Impact	1075.0	N
Nozzles	9.5	9.5		mm
Nozzles	9.5			mm

PUMP DATA

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	Total L / min.	Total m^3 / min.
	#1 PUMP:				#2 PUMP:			
# 1	165.0	216.0	90	12.47	70	872.9		
# 2			100	0.00		0.0	872.9	0.87

CIRCULATING SYSTEM

Hole Enlargement	3.0	%
Tank Volume	31.9	m^3
Circulating Pressure:	0	kPa
Adjusted Hole Size	156.0	mm
String Capacity	2.2	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.5	m^3
Annular Volume	2.3	m^3
Total Volume	38.9	m^3
Bottoms Up	5.5	min.
Surface to Bit	2.5	min.
Circulation Time	**44.5**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.8	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	79.8	m/min
Ann. Vel. D.P.Csg.	73.7	m/min
Ann. Vel. HWDP	114.6	m/min
Ann. Vel. D.C # 1	100.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Drilling basement, ROP really low,less than 1m./hr.

Presently: 1 sk. Added to system.

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo	1	$211.96	$211.96
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551	2	$280.70	$561.40
GYP		$14.06	$0.00
XL Defoamer	1	$306.55	$306.55
N-Vis Plus	1	$240.47	$240.47
B-1008	1	$290.10	$290.10
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY

No additions req'd, Add defoamer as req'd if foan . .

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 2,605.48
Previous Cost	$ 42,249.23
Total Cost $	$ 44,854.71

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	12/09/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report # :** 21	**Total Days:** 28

DRILLING FLUID PROPERTIES

Time	**7:30**	24hr.
Depth M.D.	**445 TD**	
Depth T.V.D.		meters
Density	**1110**	kg/m^3
Funnel Viscosity	**59**	sec/L
Fann 600	**67**	
Fann 300	**40**	
Fann 200	**29**	
Fann 100	**17**	
Fann 6	**2.5**	
Fann 3	**1.5**	
10 Sec. Gel Strength	**2**	Pa
10 Min. Gel Strength	**3**	Pa
30 Min. Gel Strength	**4**	Pa
Apparent Viscosity	**33.5**	mPa-sec
Plastic Viscosity	**27**	mPa-sec
Yield Point	**6.5**	Pa
Fluid Loss	**3.0**	ml/30 min
Filter Cake	**0.75**	mm
pH Strip / Meter	**9**	scale
Alkalinity pF	**0.4**	ml
Alkalinity mF	**1.2**	ml
Chloride	**38000**	mg/L
Calcium	**1360**	mg/L
Carbonates	**815.76**	mg/L
Bicarbonates	**488**	mg/L
Methylene Blue	**14.0**	kg/m^3
Sand Content	**0**	%
Oil Content	**0.000**	vol frac
Water Content	**94.500**	vol frac
Solids Content	**5.500**	vol frac
Low "n" value	**0.71**	slope
Low "K" value	**2.40**	dyn-sec/cm^2
High "n" value	**0.74**	slope
High "K" value	**1.98**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**100**	kg/m³
Drill Solids	**86**	kg/m³
Hi-Grav Solids	**36**	kg/m³
PHPA Content	**18.0**	kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	159.6	215.0
D.P.	102.0	85.0	350.0
core bbl	121.0	57.0	0.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	10	Depth In	437.0	meters
Size mm	156.0	Depth Out		meters
Type	Smith XR20W	Hours Run	6.0	hrs.
RPM	75	Noz Vel.	0.0	m/sec
Weight dN	6.4	Bit HHP	0.0	KW
ROP	0.87	Jet Impact	0.0	N
Nozzles	9.5	9.5		mm
Nozzles	9.5			mm

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	0	0.0		
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement	3.0	%
Tank Volume	32.9	m^3
Circulating Pressure:	0	kPa
Adjusted Hole Size	156.0	mm
String Capacity	2.2	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.5	m^3
Annular Volume	#VALUE!	m^3
Total Volume	#VALUE!	m^3
Bottoms Up	#VALUE!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#VALUE!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	10.9	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	0.0	m/min
Ann. Vel. D.P.Csg.	0.0	m/min
Ann. Vel. HWDP	0.0	m/min
Ann. Vel. D.C # 1	0.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Logging,run # 4

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo		$211.96	$0.00
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
B-1008		$290.10	$0.00
Salt		$35.80	$0.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY

No additions req'd, Add defoamer if req'd for foaming.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 995.00
Previous Cost	$ 44,854.71
Total Cost $	$ 45,849.71

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1
L.S.D.:		**Rig #:**	Foragaz # 3
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon

Date:	12/10/2012		
Spud Date:	10-Nov-12		
Report # :	22	**Total Days:**	29

DRILLING FLUID PROPERTIES

Time	**7:30**	24hr.
Depth M.D.	**445 TD**	
Depth T.V.D.		meters
Density	**1160**	kg/m^3
Funnel Viscosity	**60**	sec/L
Fann 600	**69**	
Fann 300	**41**	
Fann 200	**29**	
Fann 100	**17**	
Fann 6	**2.5**	
Fann 3	**1.5**	
10 Sec. Gel Strength	**1.5**	Pa
10 Min. Gel Strength	**2**	Pa
30 Min. Gel Strength	**3**	Pa
Apparent Viscosity	**34.5**	mPa-sec
Plastic Viscosity	**29**	mPa-sec
Yield Point	**6.5**	Pa
Fluid Loss	**2.8**	ml/30 min
Filter Cake	**0.75**	mm
pH Strip / Meter	**8**	scale
Alkalinity pF	**0.5**	ml
Alkalinity mF	**2.3**	ml
Chloride	**92000**	mg/L
Calcium	**1600**	mg/L
Carbonates	**1563.54**	mg/L
Bicarbonates	**1586**	mg/L
Methylene Blue	**14.0**	kg/m^3
Sand Content	**0**	%
Oil Content	**0.000**	vol frac
Water Content	**93.500**	vol frac
Solids Content	**6.500**	vol frac
Low "n" value	**0.72**	slope
Low "K" value	**2.37**	dyn-sec/cm^2
High "n" value	**0.75**	slope
High "K" value	**1.94**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**116**	kg/m³
Drill Solids	**102**	kg/m³
Hi-Grav Solids	**150**	kg/m³
PHPA Content	**18.0**	kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	159.6	215.0
D.P.	102.0	85.0	350.0
core bbl	121.0	57.0	0.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	10	Depth In	437.0	meters
Size mm	156.0	Depth Out		meters
Type	Smith XR20W	Hours Run	6.0	hrs.
RPM	75	Noz Vel.	0.0	m/sec
Weight dN	6.4	Bit HHP	0.0	KW
ROP	0.87	Jet Impact	0.0	N
Nozzles	9.5	9.5		mm
Nozzles	9.5			mm

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	0	0.0		
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement	3.0	%
Tank Volume	32.9	m^3
Circulating Pressure:	0	kPa
Adjusted Hole Size	156.0	mm
String Capacity	2.2	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.5	m^3
Annular Volume	#VALUE!	m^3
Total Volume	#VALUE!	m^3
Bottoms Up	#VALUE!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#VALUE!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	11.4	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	0.0	m/min
Ann. Vel. D.P.Csg.	0.0	m/min
Ann. Vel. HWDP	0.0	m/min
Ann. Vel. D.C # 1	0.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Transferring drilling mud from rig tanks to remote tank. CL - 92000 mg./L. Approx -9.5 C freeze Pt.
Will displace hole to water and treat mud from hole later.

Salt is calculated as high gravity solids !

Presently:

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo		$211.96	$0.00
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551	1	$280.70	$280.70
GYP		$14.06	$0.00
XL Defoamer		$306.55	$0.00
N-Vis Plus		$240.47	$0.00
B-1008		$290.10	$0.00
Salt	95	$35.80	$3,401.00
Engineering	1	$995.00	$995.00

RECOMMENDATIONS

TODAY

No additions req'd. Add defoamer as req'd if foam in circulating volume is a problem.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 4,676.70
Previous Cost	$ 45,849.71
Total Cost $	$ 50,526.41

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

DRILLING FLUID REPORT

Halliburton - Baroid

Operator:	Investcan Energy	**Well Name:**	Gobineau # 1	**Date:**	12/11/2012
L.S.D.:		**Rig #:**	Foragaz # 3	**Spud Date:**	10-Nov-12
Report For:	Ernie Leroux	**Report For:**	Greg MacKinnon	**Report #:** 23	**Total Days:** 30

DRILLING FLUID PROPERTIES

Time	**7:00**	24hr.
Depth M.D.	**445 TD**	
Depth T.V.D.		meters
Density	**1170**	kg/m^3
Funnel Viscosity	**62**	sec/L
Fann 600	**72**	
Fann 300	**43**	
Fann 200	**31**	
Fann 100	**17**	
Fann 6	**2.5**	
Fann 3	**1.5**	
10 Sec. Gel Strength	**1.5**	Pa
10 Min. Gel Strength	**2.5**	Pa
30 Min. Gel Strength	**3**	Pa
Apparent Viscosity	**31**	mPa-sec
Plastic Viscosity	**29**	mPa-sec
Yield Point	**7**	Pa
Fluid Loss	**3.0**	ml/30 min
Filter Cake	**0.75**	mm
pH Strip / Meter	**9**	scale
Alkalinity pF	**0.4**	ml
Alkalinity mF	**1.2**	ml
Chloride	**93000**	mg/L
Calcium	**1400**	mg/L
Carbonates	**815.76**	mg/L
Bicarbonates	**488**	mg/L
Methylene Blue	**14.0**	kg/m^3
Sand Content	**0**	%
Oil Content	**0.000**	vol frac
Water Content	**93.500**	vol frac
Solids Content	**6.500**	vol frac
Low "n" value	**0.73**	slope
Low "K" value	**2.34**	dyn-sec/cm^2
High "n" value	**0.74**	slope
High "K" value	**2.13**	dyn-sec/cm^2
A.S.G.	**2.6**	Spec.Grav.
Lo-Grav Solids	**116**	kg/m³
Drill Solids	**102**	kg/m³
Hi-Grav Solids	**150**	kg/m³
PHPA Content	**18.0**	kg/m³

HOLE GEOMETRY

	OD mm	ID mm	Length m
Casing	177.8	159.6	215.0
D.P.	102.0	85.0	350.0
core bbl	121.0	57.0	0.0
D.C. # 1	115.0	57.0	91.0

SURVEYS

Depth (m)			
Survey °			

BIT DATA

Bit #	10	Depth In	437.0	meters
Size mm	156.0	Depth Out		meters
Type	Smith XR20W	Hours Run	6.0	hrs.
RPM	75	Noz Vel.	0.0	m/sec
Weight dN	6.4	Bit HHP	0.0	KW
ROP	0.87	Jet Impact	0.0	N
Nozzles	9.5	9.5		mm
Nozzles	9.5			mm

PUMP DATA

#1 PUMP: | #2 PUMP:

	Liner mm	Stroke mm	EFF. %	L / stroke	Strokes/min.	L / min.	**Total L / min.**	**Total m^3 / min.**
# 1	165.0	216.0	90	12.47	0	0.0		
# 2			100	0.00		0.0	0.0	0.00

CIRCULATING SYSTEM

Hole Enlargement	3.0	%
Tank Volume	33.2	m^3
Circulating Pressure:	0	kPa
Adjusted Hole Size	156.0	mm
String Capacity	2.2	m^3
String Displacement	1.6	m^3
Casing Ann Volume	2.5	m^3
Annular Volume	#VALUE!	m^3
Total Volume	#VALUE!	m^3
Bottoms Up	#VALUE!	min.
Surface to Bit	#DIV/0!	min.
Circulation Time	**#VALUE!**	min.
Hydrostatic Pressure	0.0	kPa
Mud Gradient	11.5	kPa/m
EC Density	#DIV/0!	kg/m^3
Ann. Vel. D.P.	0.0	m/min
Ann. Vel. D.P.Csg.	0.0	m/min
Ann. Vel. HWDP	0.0	m/min
Ann. Vel. D.C # 1	0.0	m/min

FLOWLINE CLEANERS - MESH SIZES

Shaker #1	110	110	110
Shaker #2			

SOLIDS REMOVAL EQUIPMENT	Over Flow kg/m^3	Under Flow kg/m^3	Under Flow L/min.
Centrifuge #1	na	na	0.0
Centrifuge #2	na	na	0.0
Desander	na	na	
Desilter	na	na	
Other	na	na	

FLUID ACCOUNTING

	0:00-12:00	12:00-24:00
Premix added (m^3)	0.0	
Water added (m^3)	0.0	0.0
Volume discarded (m^3)	0.0	
Solids equipment underflow (m^3)	0.0	0.0
Total fluid added (m^3)	0.0	0.0
Total fluid discarded (m^3)	0.0	0.0

REMARKS

Sample of mud being transferred to 400 BBL. Tank (green)Freeze pt. should be -10C.

Ihave taken a sample with me to monitor it. I am leaving today as per ERNIE unless told otherwise.

Presently: Engineering charge inc

Materials Used Since Last Report

Material	Amt.	Price	Cost
Baro seal M		$37.41	$0.00
N-Dril Lo		$211.96	$0.00
Barabuf		$78.33	$0.00
Baracarb		$43.05	$0.00
Bicarbonates		$43.05	$0.00
Cal Carb		$24.20	$0.00
CW 8551		$280.70	$0.00
GYP		$14.06	$0.00
XL Defoamer	1	$306.55	$306.55
N-Vis Plus		$240.47	$0.00
B-1008	1	$290.10	$290.10
Salt	35	$35.80	$1,253.00
Engineering	2	$995.00	$1,990.00

RECOMMENDATIONS

TODAY

No additions required.

Add defoamer as req'd if foam in circulating volume is a problem.

**Any problems, questions or concers feel free to call anytime. Thanks Lloyd

Daily Cost	$ 3,839.65
Previous Cost	$ 50,526.41
Total Cost $	$ 54,366.06

Field Representative:	Lloyd Anthony	**Warehouse:**	
Phone:		**Phone:**	
Cellular:	902 456 6752	**Engineer #:**	403 231 9483

APPENDIX J : WELLBORE & WELLHEAD SCHEMATICS

Number of pages : *2*

Summary of the content: The figure summarizes the final tubing completion and wellhead configuration on Gobineau#1

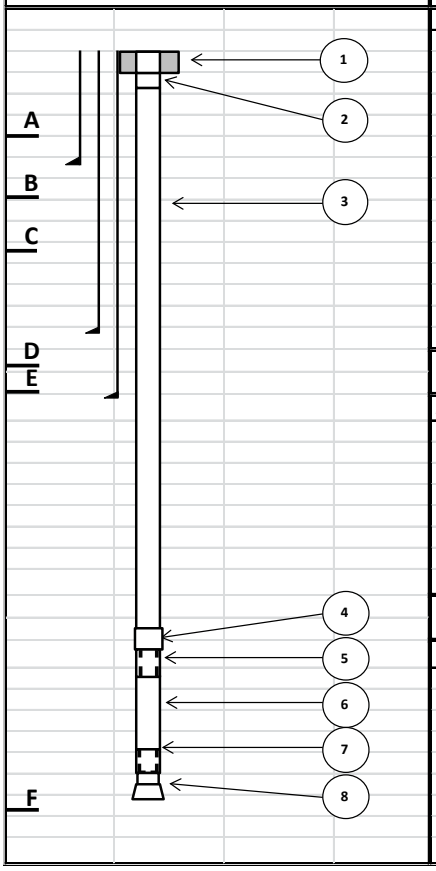
INVESTCAN Energy Corp
335 Duckworth Street- 3rd Floor
Saint John's - NL
A1C 1G9 - Canada

Completion

Field :	Flat Bay	**Coordinates**			**RF @**	107.5 mSS	4.3 mGL
Well :	Gobineau#1	**System :**	*NAD 27*	*NAD 83*	**Top reservoir :**	212.0	mRF
EL :	03-106	**Easting :**	384991	384995	**Btm reservoir :**	427.0	mRF
PL :	-	**Northing :**	5357531	5357750	**TD :**	445.0	mRF

Comments :	**First Installation**		**Last Modification**		**Workovers**	
All depth are mRF if not specified.	**Date :**	12/12/2012	**Date :**	-	**Total WO :**	-
Other units are Imperials if not specified.	**Name :**	Maxime Douérin	**Name :**	-	**N° Last WO :**	-
	Comment :		**Comment :**		**Description :**	

DIAGRAM of Completion



Completion

Item	*Description*	*ID / OD, (mm)*	*Burst, kPa*	*Collapse, kPa*	*MD RF (m)*	*TVDSS (m)*
1	Tubing Hanger	60.325 / -	-	-	3.6	-103.9
2	Tubing Nipple (pin x pin)	50.673 / 60.325	53,089	55,847	3.6	-103.9
3	Production Tubing (43jts)	50.673 / 77.80	53,089	55,847	416.8	309.3
4	Tubing Collar	50.673 / 77.80	53,089	55,847	417	309.5
5	Pump Seating Nipple	45.212 / 60.325			417.4	309.9
6	Production Tubing (1jt)	50.673 / 77.80	53,089	55,847	427	319.5
7	R Nipple - No Go	50.673 / 77.80			427.3	319.8
8	Wireline Re-entry Guide	50.673 / 77.80	-	-	427.4	319.9

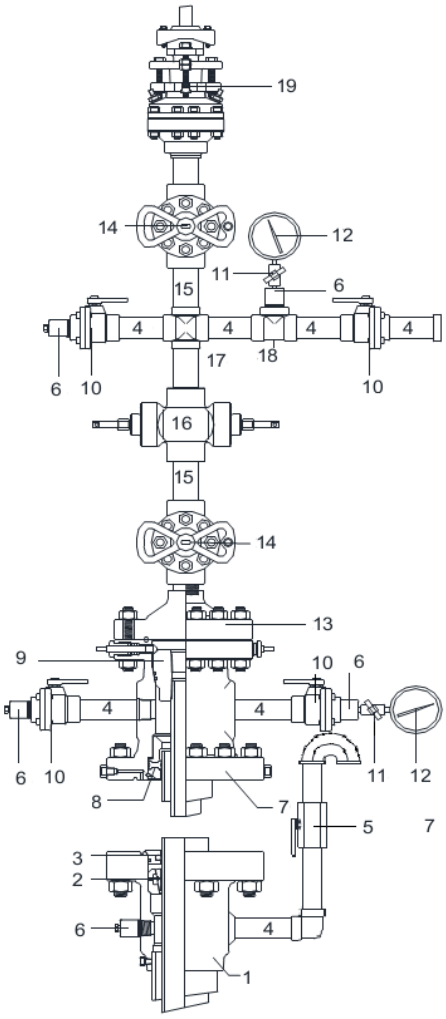
Geological formation

Formation	*Name*	*Top (m)*	*Bottom (m)*
A	Overburden	4.3	15.2
B	Codroy Road Gypsum	15.2	65
C	Codroy Road Anhydrite	65	205
D	Ship Cove Limestone	205	212
E	Fishell's Brook	212	427.2
F	Basement	427.2	-

Casing Design

N	*Casing (mm)*	*Grade*	*Weight (kg/m)*	*Burst, kPa*	*Collapse, kPa*	*Top (m)*	*Bottom (m)*
1	339.7 BT	K-55	81.1	19,000	8,000	4.3	15.8
2	244.5 LT	J-55	59.25	27,000	18,000	4	162
3	177.8 LT	J-55	34.2	30,000	22,000	4	215.7

The wellhead and Xmas tree nipped on Gobineau#1 is illustrated below. Despite the majority of the elements are rated 20,648kPa (3,000 psi), the assembly is rated 10,342kPa (1,500 psi) [BOP rams].



N°	Item
19	Stuffing Box dual pack 60.325mm (2-3/8”)-31.75mm (1 ¼”) cone packing
18	Flow Tee – 50.8mm x 50.8mm x 50.8mm (2”x2”x2”) NPT – 20,684kPa (3000 psi)
17	Flow Tee - 50.8mm x 50.8mm (2”x2”) NPT x 60.325mm x 60.325mm (2-3/8”x2-3/8”) EUE – 20,684kPa (3000 psi)
16	BOP 73.025mm (2-7/8”), 31.75mm (1-1/4”) Ram Rubbers – 10,342kPa (1500 psi)
15	Pipe 60.325mm (2-3/8”) EUE x 50.8mm (2”)
14	Master Gate Valve, 60.325mm (2-3/8”) – 13,789kPa (2000 psi)
13	Xmas tree Adapter
12	Pressure Gauges, 0 - 20,684kPa (3000 psi)
11	Needle valve 12.7mm (½”) NPT
10	Ball Valve, 50.8mm (2”) – 20,684kPa (3000 psi)
9	Tubing Hanger 179.3875mm x 60.325mm (7-1/16” x 2-3/8”) – 20,684kPa (3000 psi)
8	Secondary Packoff 279.4mm x 177.8mm (11”x7”), 68,947kPa (10,000psi)
7	Tubing Head, 279.4mm (11”)-3000psi x 179.3875mm (7-1/16”) – 20,684kPa (3000 psi)
6	Bull Plug 50.8mm (2”) NPT, Tapped 12.7mm (½”)
5	Ball Valve / Casing Vent Assembly
4	Pipe 50.8mm (2”) NPT
3	Primary Packoff
2	Casing Slips
1	Casing Bowl

APPENDIX K : GEOLOGICAL REPORTS

Number of pages : *19*

Summary of the content: Geological reports of Gobineau#1.

DAILY GEOLOGICAL REPORT N° 1

INVESTCAN Energy Corp

Date : 10/11/2012
Well : Gobineau#1
Rig : Sullivan's Air Drilling Rig
Coord: 384992
NAD 27 5357531

WSG : Roland STRICKLAND / Marine Di MATTEO

MD KB @ 6 am	*26m*	TVD ss @ 6 am	*26m*	24 Hrs Progress (m)	*66*	Average ROP	*10.1m/hr.*
Spud date	10/11/2012	Last casing at MD	15.8m	Hole size (in)	12 1/4"		
KB - ASL	103.18m	GL - ASL	103.18	Mud type	Air + Water	MW	

Current formation	Codroy Road Anhydrite	Prognosed next marker	Ship Cove Limestone

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
15.2	65.0m	Codroy Road Gypsum: white, off white, very minor impurities, chalky texture, occasional crystalline, very powdery, soft to firm, occasional massive, slightly nodular, trace dark grey specks of shale.	11.25m/hr
65.0m	75.0m	Codroy Road Anhydrite: off white, mottled, steel blue, massive, very firm - hard, sugary texture, slightly fibrous, occasionally coarse crystalline, with wisps of mudstone, minor impurities.	9.0m/hr
75.0m	85.0m	Codroy Road Anhydrite: off white, mottled, steel blue, massive, very firm - hard, sugary texture, slightly fibrous, occasionally coarse crystalline, with wisps of mudstone, frequent impurities of Gypsum & Cement.	7.5m/hr

GAS DATA

Depth MD (m)	Total ppm	C1 ppm	C3 ppm	Type

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)

Bit type in 15.8m out 92.0m footage

OPERATION SUMMARY 6:00 am to 6:00 am

Using Sullivan Drill Rig , drill out cement to 26m.
Drill ahead From 26m to 65m in Gypsum. Drill ahead from 65m to 92m in Anhydrite.

Added diverter to drill string @ 75m. Started driling with Air & Water @ 75m.

Sample quality and quantity reduced from 75m to 85m because of high pressured water & air.

Encountered water inflow in the well at 90m creating back pressure + decreased ROP. POOH to wiper trip.

Planned operations	Remove 3" nipple from diverter & run straight 6" kill line to reduce Back Pressure.
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 2

INVESTCAN Energy Corp

Date : 11/11/2012
Well : Gobineau#1
Rig : Sullivan's Air Drilling Rig
Coord: NAD 27 384992 5357531

WSG : Roland STRICKLAND / Marine Di MATTEO

MD KB @ 6 am	*96.0m*	TVD ss @ 6 am	*96.0m*	24 Hrs Progress (m)	*3.0m*	Average ROP	*6.0m/hr*
Spud date	10/11/2012	Last casing at MD	15.8m	Hole size (in)	12 1/4"		
KB - ASL	103.18m	GL - ASL	103.18m	Mud type	Air + Water	MW	

Current formation	Codroy Road Anhydrite	Prognosed next marker	Ship Cove Limestone

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
85.0m	96.0m	Codroy Road Anhydrite: clear, white, off white, steel blue, massive, very firm - hard, sugary texture, slightly fibrous, occasionally coarse crystalline, slightly calcareous with wisps of mudstone. Minor grains of crystalline off white calcite, trace dark gray shale, minor impurities of Gypsum and cement (small sample quantity because of very high pressure water and air to remove cuttings from hole)	

GAS DATA

Depth MD (m)	Total ppm	C1 ppm	C3 ppm	Type

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)

Bit type in 15.8m out 92.0m footage

OPERATION SUMMARY 6:00 am to 6:00 am

Remove 3" nipple from diverter & run straight 6" kill line to Degaser
Unable to drill ahead because of high water inflow encountered at 90.0m.

Collect water sample and forward to St John's for chemical analyses.

Rig out Degaser and connect kill line to 400 stb tank.

Drill ahead from 92m to 95m. Once the tank was full of water, stopped drilling & wait on chemical results from Water Sample.

Planned operations	R/D Air Drilling Rig (Sullivan) and commence R/U of Foragaz Rig#3 to drill ahead
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 3

INVESTCAN Energy Corp

Date : 22/11/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 384992 5357531

MD KB @ 6 am	*113*	TVD ss @ 6 am	*5.50m*	24 Hrs Progress (m)	*12.3m*	Average ROP	*3.0m/hr*
Spud date	10/11/2012	Last casing at MD	15.8m	Hole size (in)	12 1/4"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	formation water	MW	1020 kg/m3

Current formation	Codroy Road Anhydrite	Prognosed next marker	Ship Cove Limestone

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
100.7	105	Anhydrite 70% : clear, white, off white, crystalline, firm - hard, trace sugary texture, slightly fibrous, slightly calcareous, minor grains of calcite, minor impurities of Gypsum. 30% contaminated with cement. (Changed drilling depth from 96m to 100.3m because KB = 4.3m) .Sample interval from 100.3m to 105m. (Loss circulation at 105.0m) Cement: 30%: light gray, speckled, firm to hard, in part brittle.	5.24
From midnight to 6 am			
105	113	Unable to collect samples because of No Returns on the Shakers.	1.5

GAS DATA

Depth MD (m)	Total ppm	C1 ppm	C3 ppm	Type

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 12 1/4" Tricone Milltooth **in** 113 **out** 0 **footage**

OPERATION SUMMARY

Assemble travelling blocks & re-string, install sheave guards & install TD. M/U TDS to drill string & tag TOC @ 88.5m & drill cement to 100.7m
Drill formation from 100.7m to 105.2m. Encounter total losses @ 105.2m. Drill ahead to 109m, unable to establish circulation.

From midnight to 6 am

Continue to drill ahead to 113m. Unable to establish circulation and no cuttings returns. Total losses to formation = 75m3
Remove TDS, POOH from 113m to 18m. Welder cut off conductor to remove bit / stab. Prepare to rig in Haliburton Cementers.

Planned operations	Perform cement job, WOC, M/U BHA, weld conductor. RIH & drill 311mm hole section to 162m.
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 4

INVESTCAN Energy Corp

Date : 23/11/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: 384991.76
NAD 27 5357531.42

MD KB @ 6 am	*135.3*	TVD ss @ 6 am	*27.82*	24 Hrs Progress (m)	*22.3*	Average ROP	*2.6m/hr*
Spud date	10/11/2012	Last casing at MD	15.8m	Hole size (in)	12 1/4"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	fresh water	MW	1040 kg/m3

Current formation	Codroy Road Anhydrite	Prognosed next marker	Ship Cove Limestone

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
113	125	Anhydrite 70% :clear, white, off white, abundant crystalline, soft - firm, trace sugary texture, slightly fibrous, slightly calcareous, increase in calcareous groundmass, no grains of halite. LCM 20%: yellow orange , mainly sawdust and cellophane. Cement 10%: light gray, speckled, firm to hard, in part brittle.	2.6m/hr
		From midnight to 6 am	
125	135	Anhydrite 80%: clear, white, off white, crystalline, firm - hard, trace sugary texture, slightly fibrous, occasional blue grey with sugary texture, calcareous background, minor grains of halite. LCM 15%: yellow orange , mainly sawdust and cellophane Cement 5%: light gray, speckled, firm to hard, in part brittle	2.6m/hr

GAS DATA

Depth MD (m)	Total (units)	C1 (units)	C3 (units)	Type
115	127	67	60	BGG
120	121	64	57	BGG
125	115	60	55	BGG
130	107	55	52	BGG
135	97	49	48	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss (m)	DLS (°/30m)
From midnight to 6 am				
130	6		22.52	

Bit type 12 1/4" Tricone Milltooth **in** 113 **out** - **footage**

OPERATION SUMMARY

Drill ahead to 113m.
POOH and cement..
Nipple up diverter with welder.
RIH and wash to bottom, tag TOC at 103m.
Drill new formation from 103 to 127.5m.

From midnight to 6 am

Continue to drill ahead to 135.3m.
RIH with string shot survey to 120m, record 6deg Incl..

Observe tight hole conditions @ 130m. Work drill string through 128m - 131m with 85 RPM. Consult with mud engineer to build polymer mud to aid hole cleaning.

Planned operations	Drill 311mm hole section to 162m, run 9 5/8in casing and R/U for cement job.
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 5

INVESTCAN Energy Corp

Date : 24/11/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 384992 5357531

MD KB @ 6 am	162	TVD ss @ 6 am	54.52m	24 Hrs Progress (m)	59	Average ROP	1.5m/hr
Spud date	10/11/2012	Last casing at MD	15.8m	Hole size (in)	12 1/4"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1060 kg/m3

Current formation	Codroy Road Anhydrite	Prognosed next marker	Ship Cove Limestone

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
125	135	Anhydrite 80%: clear, white, off white, crystalline, firm - hard, trace sugary texture, slightly fibrous, occasional blue grey with sugary texture, calcareous background, minor grains of halite. LCM 15%: yellow orange , mainly sawdust and cellophane Cement 5%: light gray, speckled, firm to hard, in part brittle	
135	145	Anhydrite 100%: white, off white, clear, cream, massive - frequent crystalline, firm - hard, trace sugary texture, slightly fibrous, calcareous background with off white - tan, massive - crystalline calcite grains due to fractures, occasional grains of white powdery gypsum, trace argillaceous.	1.8
145	155	Anhydrite 75%: white, off white, clear, cream, massive - frequent crystalline, firm - hard, trace sugary texture, slightly fibrous, calcareous background. Carbonate 20%: off white, tan greyish, firm - hard, crystalline, blocky, argillaceous impurties. Gypsum 5% : white, chalky texture, soft.	
From midnight to 6 am			
155	162	Anhydrite 65%: white, off white, clear, cream, massive - frequent crystalline, firm - hard, trace sugary texture, slightly fibrous, calcareous background. Carbonate 30%: off white, tan greyish, firm - hard, crystalline, blocky, argillaceous impurties. Gypsum 5% : white, chalky texture, soft.	2

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
140	117	62	55	BGG
145	107	59	48	BGG
150	101	55	46	BGG
155	98	53	45	BGG
160	94	51	43	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
120	6		12.52	
139	3.25		31.52	
From midnight to 6 am				
158	4		54.52	

Bit type	12 1/4" Tricone Milltooth	in	113	out	162	footage

OPERATION SUMMARY

Continue to drill ahead to 135.3m.

Observe tight hole conditions @ 130m. Work drill string through 128m - 131m with 85 RPM. Consult with mud engineer to build polymer mud to aid hole cleaning.
Drill ahead to 156m.

From midnight to 6 am

Drill ahead to 162m.

POOH from 162 to 92m.

Remove diverter and top drive, instal bails and elevators and rig up to RIH 9 5/8" Casing.

Planned operations	Run 9 5/8"casing and cement, install casing bowl and BOP's.
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 6

INVESTCAN Energy Corp

Date : 26/11/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 384992 5357531

MD KB @ 6 am	*169*	TVD ss @ 6 am	*61.52*	24 Hrs Progress (m)		Average ROP	
Spud date	10/11/2012	Last casing at MD	162	Hole size (in)	8 1/2"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1010 kg/m3

Current formation	Codroy Road Anhydrite / Ship Cove Limestone	Prognosed next marker	Fishell's Brook

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
		From midnight to 6 am	
165	169	Anhydrite 70%: white, off white, clear, cream, massive - frequent crystalline, firm - hard, trace sugary texture, slightly fibrous, calcareous background. limestone 30%: white, cream, tan, frosted, firm - hard, microcrystalline, massive, blocky, in part brittle, argillaceous impurties, trace pyrite, no shows.	3.7

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
165	61	36	26	BGG
169	60	35	25	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 8 1/2" Tricone **in** 162 **out** - **footage**

OPERATION SUMMARY

Nipple up BOP, test BOP.
M/U 8 1/2 BHA and RIH to 149m.
Continue BOP's test.

From midnight to 6 am

Continue BOP's test.
Tag float at 159.7m. Drill new formation from 162.15 to 167.41m
Perform LOT, observe LeakOff at 4422kpa surface applied pressure fluid density at LOT=1010 kg/m3.
Drill new formation from 167.45 to 169m.

Planned operations	Drill out shoe track, perform LOT and Drill ahead/ TD 216mm hole section, run casing and cement
Recorded Temperature	
Others	Geologist collecting samples every 1m asked to slow down from 15 m/h to 5 m/h, so we accuratly determin the Fishells Brook top.

DAILY GEOLOGICAL REPORT N° 7

INVESTCAN Energy Corp

Date : 27/11/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 — 384992 / 5357531

MD KB @ 6 am	*214.63*	TVD ss @ 6 am	*107.15*	24 Hrs Progress (m)	*47.37*	Average ROP	*7 m/h*
Spud date	10/11/2012	Last casing at MD	162	Hole size (in)	8 1/2"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1025 kg/m3

Current formation	Fishell's Brook	Prognosed next marker	Basement

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
165	205	Anhydrite 70%: white, off white, clear, cream, massive - frequent crystalline, firm - hard, trace sugary texture, slightly fibrous, calcareous background. Limestone 30%: white, cream, tan, frosted, firm - hard, microcrystalline, massive, blocky, in part brittle, argillaceous impurities, trace pyrite, no shows.	6.3
205	212	SHIP COVE Limestone 90%: dark - medium brown, gray brown, tan, off white, firm - hard, microcrystalline, massive, blocky, in part brittle, very argillaceous impurities, trace pyrite, slight laminae, no shows Anhydrite 10%: white, off white, clear, steel gray, massive - frequent crystalline, firm - hard, trace sugary texture, slightly fibrous, blocky, calcareous background.	11.1
212	214	FISHELL'S BROOK Conglomerate (100%): light gray, cream, clear, very fine - coarse grained quartz grains, angular - subround, poorly sorted, abundant white calcareous cement, frequent clear - white quartzite clasts, common glauconite grains, occasional orange feldspar, common off white, blocky, dolomitic grains, occasional nodular pyrite, common dark gray chert fragments, poor - fair intergranular porosity, slow blooming yellow cut fluorescence.	7.5
From midnight to 6 am			

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
170	60	35	25	BGG
180	62	36	26	BGG
190	63	37	26	BGG
200	64	37	26	BGG
210	65	39	26	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
213	3.25		105.52	
From midnight to 6 am				

Bit type 8 1/2" Tricone **in** 162 **out** - **footage**

OPERATION SUMMARY

Continue BOP Testing. Perform LOT @ 4422kPa surface applied pressure, fluid density @ LOT =1010Kg/m3 Well depth =162m
Drill ahead to 214m. Circulate @ work pipe. Deviation survey @213m=3.25 deg. Trip out of hole & L/D BHA.. R/U to rih with CSG.
Run 18 Jts 177.8 mm 34.22 Kg/m J-55 LT&C Total Length 215.69 m. Wait on Halliburton Cementers.

From midnight to 6 am

Rig in Hallibuton Cementers.

Pumped 4m3 H2O, pressure test surface lines to 14000kPa. Pumped 6T, 6.3m3 Class G w/40% Silica Flour & 2% CaCl @ 1880kgs/m3, drop plug and displace w/4.3m3 H2O. Bump plug with 3500kPa over/bleed off floats held OK.

Nipple down BOPs set slips in full tension , cut and flare casing.

Planned operations	M/U and RIH with 6 1/8", drill out shoe track and 2m of new formation. Perform LOT/FIT. POOH
Recorded Temperature	
Others	Geologists collecting samples every 1m asked to reduce ROP, so we can accurately determine the Fishell's Brook Top.

DAILY GEOLOGICAL REPORT N° 8

INVESTCAN Energy Corp

Date : 28/11/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 384992 5357531

MD KB @ 6 am	*216.38*	TVD ss @ 6 am	*108.94*	24 Hrs Progress (m)	*1.79*	Average ROP	*4m/h*
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1040 kg/m3

Current formation	Fishell's Brook	Prognosed next marker	Basement

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
From midnight to 6 am			
214	216	FISHELL'S BROOK Conglomerate (70%): cream, clear, fine - coarse grained quartz grains, angular - subround, poorly sorted, white calcareous cement, frequent clear - white quartzite clasts, common glauconite grains, common orange feldspar, common dark gray chert fragments, trace off white, blocky, dolomitic grains, poor - fair visual porosity.	4.3

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
215	64	38	26	BGG
216	46	28	18	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 6 1/8'' Tricone **in** 214 **out** 216 **footage**

OPERATION SUMMARY

Cement job.

Pick up and Make up BHA & run in 5 Stds & 1 Single DP to 192m, try and break circulation (plugged), POOH & unplug nozzels&bit.
RIH to 193m
Pressure test 177,8mm casing 1500kPa low and 10350kPa high.

From midnight to 6 am

Break circulation @ .48m3/min, RIH and tag float collar @ 206.6m. Drill out cement from 202.6m to 213.4m with .65m3/min, 3daN WOB 75RPM.

Circulate hole clean for LOT/FIT test.

Perform FIT/LOT as per program. Mud Density @ Test=1070kgs/m3, surface applied pressure= 4231kPa, 30.26kPa/m formation strength.

Planned operations	Drill out shoe track, Perform LOT/FIT test POOH and Rig up for Core Operations
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 9

INVESTCAN Energy Corp

Date : 29/11/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 384992 5357531

MD KB @ 6 am	254	TVD ss @ 6 am	146.52	24 Hrs Progress (m)	37.58	Average ROP	4m/h
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1080 kg/m3

Current formation	Fishell's Brook	Prognosed next marker	Basement

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
217	228	FISHELL'S BROOK Conglomerate (100%): light gray, white, cream, clear, gray green, quartz grains, very fine to coarse grained, angular - subround, very hard, common white calcareous cement, frequent clear to varicolored quartzite clasts, frequent orange feldspar, occasional plagioclase, abundant cream - gray blocky limestone fragments,common dolomite grains, common dark green chlorite grains, occasional nodular pyrite, common arkosic, poor intergranular porosity, trace oil staining, no cut fluorescence.	4
From midnight to 6 am			
228	254	FISHELL'S BROOK Conglomerate (100%): light gray, white, cream, clear, gray green, quartz grains, very fine to medium grained, angular - subround, very hard, common white calcareous cement, frequent clear to varicolored quartzite clasts, frequent orange feldspar, occasional plagioclase, abundant cream - gray blocky limestone fragments,common dolomite grains, common dark green chlorite grains, occasional nodular pyrite, common arkosic, poor intergranular porosity, trace oil staining, no cut fluorescence.	4.8

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
220	137	72	65	BGG
230	149	77	72	BGG
240	143	74	69	BGG
250	134	69	65	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 6 1/8'' Coring bit **in** **out** **footage**

OPERATION SUMMARY

RIH and tag cement at 198m, Float Collar at 202.7m. Drill out f/198-213m. Shoe at 214m.
Drill new formation from 214m to 216m.
Circulate well clean for LOT/FIT test.
Perform LOT/FIT as per program. Mud density at test=1070kg/m3, surface applied pressure=4231kPa, 30.26kPa/m formation strength.
Trip out of hole w/ 156mm BHA.
Pick up & Make up Core Barrel assembly.
Cut core 1 from 216-229m, 13m cut, POOH to retrieve core.
L/O core bbl, 97.6% recovered.
Pick up & Make up Core Bbl Assembly, RIH with Core Bls on 101mm DP to 229m.

From midnight to 6 am

Cut core from 129 to 254m

Planned operations	Continue to core hole section from 229m
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 10

INVESTCAN Energy Corp

Date : 30/11/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 384992 5357531

MD KB @ 6 am	262	TVD ss @ 6 am	154	24 Hrs Progress (m)	8	Average ROP	5m/h
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1070 kg/m3

Current formation	Fishell's Brook	Prognosed next marker	Basement

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
250	260	FISHELL'S BROOK Conglomerate (100%): light gray, white, cream, clear, gray green, predominately quartz grains, very fine to medium grained, angular - subround, hard, abundant white calcareous cement, frequent clear to varicolored quartzite clasts, frequent orange feldspar, occasional plagioclase, occasional cream - gray blocky limestone fragments, frequent dolomite grains, common dark green chlorite grains, frequent arkosic, trace light brown siderite, 5 - 8% intergranular porosity, trace oil staining, yellow fluorescence when solvent is added. (Live Oil in Core from 257m to 260m).	5
From midnight to 6 am			

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
250	134	69	65	BGG
255	185	108	77	BGG
260	155	82	73	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
251	2.75			
From midnight to 6 am				

Bit type	6 1/8'' Coring bit	in	out	footage

OPERATION SUMMARY

Cut core #2 f/229-255 m, cut 26m (jammed).
POOH with flow checks and TOOH with core#2.
Lay out Inner Core bbls cut 25.9m, 24.85m recoverd 95.95% recovery.
Move core bbl in Derrick & Trip in hole with tricone bit. Circ & clean hole to 255.5m.
Survey @251m, 2.75deg.
POOH with flow checks.
Trip in hole with core bbl and cut core #3 from 255.5 to 262.7m, cut 7.2m (jammed).
TOOH with flow checks.

From midnight to 6 am

Lay out Inner Core bbls core #3, cut 7.2m, 5.7m recovered, 79% recovery.
P/U & M/U Top Drive.
Circulate & clean hole to 262.7m.

Planned operations	RIH & circulate hole clean. Wait on Core Bit. Continue coring from 262.7m.
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 11

INVESTCAN Energy Corp

Date : 01/12/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 384992 5357531

MD KB @ 6 am	265.2	TVD ss @ 6 am	157.7	24 Hrs Progress (m)		Average ROP	5m/h
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1070 kg/m3

Current formation	Fishell's Brook	Prognosed next marker	Basement

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
		From midnight to 6 am	
250	260	FISHELL'S BROOK Conglomerate (100%): light gray, white, cream, clear, gray green, predominately quartz grains, very fine to medium grained, angular - subround, hard, abundant white calcareous cement, frequent clear to varicolored quartzite clasts, frequent orange feldspar, occasional plagioclase, occasional cream - gray blocky limestone fragments, frequent dolomite grains, common dark green chlorite grains, frequent arkosic, trace light brown siderite, 5 - 8% intergranular porosity, trace oil staining, yellow fluorescence when solvent is added. (Live Oil in Core from 257m to 260m).	5

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
263	121	63	58	BGG
264	123	64	59	BGG
265	127	66	61	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 6 1/8'' Coring bit **in** **out** **footage**

OPERATION SUMMARY

Layout inner barrels for Core # 3. Cut 7.2m, 5.7m Recovered. 79% Recovery. Break down core bit , L/O core barrels.
Trip in hole with tricone bit to 260m. Drift pipe while RIH, lay out 3 singles of DP. Pick up 4 DP.
Circulate & clean hole to 262.7m. Wait of Core Bit. Work pipe & circulate.
Trip out of hole with flow checks. L/O 5 singles.
Make up Core bit & RIH with barrels. Core Run #4. M/U inner core barrels with ball in place.
Trip in hole with Core barrels to 260m.

From midnight to 6 am

Cut Core #4 f 262.7m - 265.2m Cut 2.5m. With 55/60 RPM, 0.5-2 daN, WOB with 2380kPa. (Jammed)
Trip out of hole with Core # 4. Handle core barrels & layout inner barrels. 2.5m Cut. 100% Recovery.
Handle core barrels & M/U Core barrels, Core #5. M/U inner core barrels with ball in place. Trip in hole with Coring Assemply.

Planned operations	Continue to Core hole section from 265.2m.
Recorded Temperature	
Others	The Core in Run # 4, fr 262.7m - 265.2m has frequent Quartzite & Limestone Clasts with very minor shows of Live Oil.

DAILY GEOLOGICAL REPORT N° 12

INVESTCAN Energy Corp

Date : 02/12/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 384992 5357531

MD KB @ 6 am	*301*	TVD ss @ 6 am	*194*	24 Hrs Progress (m)	*35.8*	Average ROP	*3.8m/h*
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1070 kg/m3

Current formation	Fishell's Brook	Prognosed next marker	Basement

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
265	280	FISHELL'S BROOK Conglomerate (100%): light gray, white, cream, clear, gray green, quartz grains, very fine to coarse grained, angular - subround, hard, common white calcareous cement, frequent clear to varicolored quartzite clasts, frequent orange feldspar, occasional plagioclase, abundant cream - gray blocky limestone fragments, common dolomite grains, common dark green chlorite grains, frequent arkosic, trace light brown siderite, 3 - 5% intergranular porosity, no shows.	2.7
From midnight to 6 am			
280	300	FISHELL'S BROOK Conglomerate (80%): red brown, light gray, white, cream, clear, quartz grains, very fine to coarse grained, angular - round, poorly sorted, firm to hard, occasional white calcareous cement, frequent clear to orange quartzite angular fragments + clasts, common orange feldspar, occasional cream - gray blocky light gray limestone fragments, occasional dolomite grains, occasional dark green chlorite grains, frequent arkosic, trace light brown Siltstone / Claystone (20%): red brown, shaly to sandy, very soft to soft, calcareous, micaceous in part, trace magnetic material.	4.7

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
270	131	68	63	BGG
280	118	61	57	BGG
290	129	67	62	BGG
300	131	68	63	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 6 1/8'' Coring bit **in** **out** **footage**

OPERATION SUMMARY

Cut Core #4 f 262.7m - 265.2m Cut 2.5m. With 55/60 RPM, 0.5-2 daN, WOB with 2380kPa. (Jammed)
Trip out of hole with Core # 4. Handle core barrels & layout inner barrels. 2.5m Cut. 100% Recovery.
Handle core barrels & M/U Core barrels, Core #5. M/U inner core barrels with ball in place. Trip in hole with Coring Assemply.
Cut Core #5 f/ 265.2 - 266.5m. 1.3m (Jammed). Trip out of hole. Recover Core 1.3m, 100% Recovery.
Cut Core #6 f/ 266.5-284.5m. Trip out of hole. Recover 18.0m. 100% Recovery.
RIH with Core #6 assembly.

From midnight to 6 am

Cut Core #7 f/ 284.5m-301m. Cut 16.5m. (Jammed)
Trip out of hole with Core Run #7 with flowchecks.

Planned operations	Continue coring ahead from 301m.
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 13

INVESTCAN Energy Corp

Date : 03/12/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 — 384992 / 5357531

MD KB @ 6 am	*319.8*	TVD ss @ 6 am	*212*	24 Hrs Progress (m)	*19*	Average ROP	*7m/h*
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1095 kg/m3

Current formation	Fishell's Brook	Prognosed next marker	Basement

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
301	319	FISHELL'S BROOK Conglomerate (80%): red brown, orange brown, light gray, clear, quartz grains, very fine to medium grained, occasional coarse grained, angular - round, poorly sorted, firm to hard, frequent white calcareous cement, common clear to orange angular fragments of quartzite, abundant orange feldspar, occasional limestone + dolomite grains, trace dark green chlorite grains, occasional light brown siderite grains,frequent arkosic, 8 - 10% intergranular porosity, no shows, no fluorescence. Siltstone / Claystone (20%): red brown, coarse silt, soft - firm, friable, sandy, calcareous, micaceous in part, frequent limestone + chlorite grains, occasional lithic grains,occasional clayey calcareous cement, no shows.	7
		From midnight to 6 am	

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
305	139	74	65	BGG
310	143	76	66	BGG
315	146	79	67	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 6 1/8'' Coring bit **in** **out** **footage**

OPERATION SUMMARY

Cut Core #7 f/ 284.5m-301.7m. Cut 17.2m. (Jammed)
Trip out of hole with Core Run #7 with flowchecks. Received 17.2m of Core. 100% Recovery.
Cut Core #8 f/ 301.8 - 319.8 m 45 Rpm WOB 1-2 daN Pump Sks 70 w/ 2500 Kpa. Cut 18.10 m
Handle Core Bbls /Lay Out Inner Bbls & Check Bit 17.9 m Core 98.9 % Recovery
Lay Out Coring Assembly. Trip In Hole w/ Tricone. Trip In Hole w/ Tricone .Circulate and condition mud, (wait on bit).

From midnight to 6 am

Wait on 156mm coring bit. Handle Core Bbls: Make Up Bit & Core Bbls, Core Run #9. M/U inner core barrels.
Trip In Hole w/ Core Bbls

Planned operations	Core #9 ahead with 36m of Core Barrels.
Recorded Temperature	
Others	Observed some Yellow Fluorescence in #8 Core at 319.6m.

DAILY GEOLOGICAL REPORT N° 14

INVESTCAN Energy Corp

Date : 04/12/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 384992 5357531

MD KB @ 6 am	368	TVD ss @ 6 am	260	24 Hrs Progress (m)	31	Average ROP	4.6m/h
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1095 kg/m3

Current formation	Fishell's Brook	Prognosed next marker	Basement

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
319	350	FISHELL'S BROOK Conglomerate (70%): red brown, orange brown, light gray, clear, quartz grains, very fine to medium grained, occasional coarse grained, angular - round, poorly sorted, firm to hard, frequent white calcareous cement, occasional clear to orange angular fragments of quartzite, frequent orange feldspar, occasional limestone + dolomite grains, trace dark green chlorite grains, occasional light brown siderite grains,frequent arkosic, 5- 8% intergranular porosity, no shows, no fluorescence when solvent is added. Siltstone / Claystone (30%): red brown, medium brown,coarse - medium silt, soft - firm, friable, sandy, frequent calcareous hematitic clay matrix, micaceous in part, common limestone + chlorite grains, trace lithic grains, trace white kaolinite, no shows.	4.6
From midnight to 6 am			
350	365	Siltstone / Sandstone (100%): red brown, medium sand to silt, soft, abundant quartz grains, trace conglomeratic sand (angular quartzite, chlorite, pink calcareous), no shows.	2.8

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
320	117	63	54	BGG
330	117	63	54	BGG
340	98	52	46	BGG
350	98	52	46	BGG
360	90	48	43	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 6 1/8'' Coring bit **in** **out** **footage**

OPERATION SUMMARY

Trip out of hole w/flowchecks. Handle Core Bbls: Make Up Bit & Core Bbls, Core Run #9. M/U inner core barrels. Trip In Hole w/ Core Bbls
Cut Core # 9 f/ 319.8 - 330 m 1-2.5 DaN WOB / 70 Sks 4400 Kpa Rpm- 45. Cut Core # 9 f/ 330 - 336.3 m (Jammed)
Handle & Lay Out Inner Bbls /Rack Back 18m Core Bbl /Pull Up & Inspect Bit. Evaluate Core. 16.3m of Core Received. 98.8% Recovery.
Handle Core Bbls & Make Up Core Bbls & Inner Bbls.Trip In Hole w/ Core Bbls. Cut Core # 10 f/ 336.1m - 351m.

From midnight to 6 am

Continue to Cut Core # 10 f/ 351m. - 368m

Planned operations	Continue to cut core from 368m.- 372.3m.
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 15

INVESTCAN Energy Corp

Date : 05/12/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 — 384992 / 5357531

MD KB @ 6 am	*394*	TVD ss @ 6 am	*287*	24 Hrs Progress (m)	*20*	Average ROP	*5m/h*
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1100 kg/m3

Current formation	Fishell's Brook	Prognosed next marker	Basement

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
365	380	Sandstone (50%) : red brown, orange brown, light gray, clear, predominately quartz grains, very fine to medium grained, subrounded - round, moderately sorted, firm to hard, frequent white calcareous cement, occasional clear to orange angular fragments of quartzite, frequent orange feldspar, trace arkosic, 5- 8% intergranular porosity, yellow fluorescence when solvent is added. Siltstone (50%) : red brown, medium brown,coarse - medium silt, soft - firm, friable, sandy, abundant calcareous hematitic clay matrix, micaceous in part, trace lithic grains, frequent white kaolinite, no shows.	5.2
380	385	Sandstone (60%) : red brown, orange brown, light gray, clear, predominately quartz grains, very fine to medium grained, subrounded - round, moderately sorted, firm to hard, frequent white calcareous cement, trace clear to orange angular fragments of quartzite, occasional orange feldspar, abundant red arkose, micaceous, firm - hard, 3- 5% intergranular porosity, no shows. Siltstone (40%) : dark - medium gray, red brown, light gray green, coarse - medium silt, soft - firm, friable, sandy, abundant calcareous hematitic clay matrix, micaceous in part, trace lithic grains, frequent white kaolinite, no shows.	6.5
		From midnight to 6 am	
385	390	Sandstone (70%) : red brown, orange brown, light gray, clear, predominately quartz grains, very fine to medium grained, subrounded - round, moderately sorted, firm to hard, trace white calcareous cement, frequent clear to orange angular fragments of quartzite, occasional orange feldspar, abundant red arkose, micaceous, firm - hard, 3- 5% Siltstone (30%) : dark - medium gray, red brown, coarse - medium silt, soft - firm, friable, sandy, abundant light green calcareous hematitic clay matrix, micaceous in part, no shows.	4.1

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
370	91	48	43	BGG
380	97	53	44	BGG
390	207	157	50	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 6 1/8" Coring bit **in** **out** **footage**

OPERATION SUMMARY

Continue to Cut Core # 10 f/ 351m. - 368m. Trip Out Of hole w/ Core Bbls / Flow Checks. Evaluate Core/ Cut 36.1 m Recovered 35.4 m 98.1 % Recovery
Make Up Core Bbls. Cut Core # 11 f/ 372.47 - 386 m/ 2 - 4.5 DaN WOB / 70 Sks 5400 kPa Rpm- 50 / 13.53 m Cut (Jammed)
Trip Out Of hole w/ Core Bbls / Flow Checks. Evaluate Core #11/ 13.53m cut, Recovered 13.53m 100% Recovery. Function blind rams close/ close in 4secs.

From midnight to 6 am

Make Up Core Bbls. Trip In Hole w/ Core Bbls. Cut Core # 12 f/ 386 - 394.2m/ 2 - 4.5 DaN WOB / 70 Sks 5400 kPa RPM - 50 (Jammed)

Planned operations	Continue to cut core ahead
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 16

INVESTCAN Energy Corp

Date : 06/12/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 384992 5357531

MD KB @ 6 am	425	TVD ss @ 6 am	318	24 Hrs Progress (m)	20	Average ROP	6m/h
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1090 kg/m3

Current formation	Fishell's Brook	Prognosed next marker	Basement

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
385	390	Sandstone (70%) : red brown, orange brown, light gray, clear, predominately quartz grains, very fine to medium grained, subrounded - round, moderately sorted, firm to hard, trace white calcareous cement, frequent clear to orange angular fragments of quartzite, occasional orange feldspar, abundant red arkose, micaceous, firm - hard, 3- 5% intergranular porosity, no shows. Siltstone - Claystone (30%) : dark - medium gray, red brown, coarse - medium silt, soft - firm, friable, sandy, abundant light green calcareous hematitic clay matrix, micaceous in part, no shows.	4.1
390	400	Siltstone - Claystone (100%) : dark - medium gray, medium silt, soft - firm, friable, sandy, abundant hard gray calcareous hematitic, micaceous in part, no shows.	3.6
400	425	Siltstone - Claystone: (90%) : dark - medium gray, mottled gray, medium silt, soft - firm, friable, sandy, abundant calcareous matrix, frequent white kaolinite, micaceous in part, trace light brown limestone fragments, no shows. Sandstone (10%) : gray, off white, consolidated, clear, predominately quartz grains, very fine to medium grained, subrounded - round, moderately sorted, firm to hard, frequent white calcareous cement, micaceous, 3- 5% intergranular porosity, no shows.	7.1
		From midnight to 6 am	

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
390	207	157	50	BGG
400	93	52	41	BGG
410	83	48	35	BGG
420	73	40	33	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 6 1/8" Coring bit **in** **out** **footage**

OPERATION SUMMARY

Make Up Core Bbls. Trip In Hole w/ Core Bbls. Cut Core # 12 f/ 386 - 394.2m/ 2 - 4.5 DaN WOB / 70 Sks 5400 kPa RPM - 50 (Jammed)
Trip Out of hole w/ Flow Checks. Evaluate Core / Cut 9.8 m Recovered 9.4 m 96% Recovery.
Trip In Hole w/ Core Bbls Run #14.Cut Core # 14 f/ 404 - 425.15m w/ 2 - 4.5 DaN WOB / 62 Sks 5400 kPa RPM - 50/ Cut 21.15 m (Jammed)

From midnight to 6 am

Handle Core Bbls & Pull Inner Bbls/Inspect Bit. Evaluate Core #14 / Cut 21.15 m Recovered 21.15m 100% Recovery
Make Up Core Bbls / Inner Bbls. Trip In Hole w/ Core Bbls Run #15

Planned operations	Continue to cut core ahead
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 17

Date : 07/12/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 — 384992 / 5357531

MD KB @ 6 am	440	TVD ss @ 6 am	333	24 Hrs Progress (m)	20	Average ROP	2m/h
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1100 kg/m3

Current formation	PreCambrian Basement	Prognosed next marker	N/A

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
425	427	Siltstone - Claystone(70%) : dark - medium gray, mottled gray, medium silt, soft - firm, friable, sandy, abundant calcareous matrix, frequent white kaolinite, micaceous in part, trace light brown limestone fragments, no shows. Sandstone (30%) : gray, off white, consolidated, clear, predominately quartz grains, very fine to medium grained, subrounded - round, moderately sorted, firm to hard, frequent white calcareous cement, micaceous, trace red orange granitic sandstone, with angular quartz clasts + occasional orange feldspar, 3- 5% intergranular porosity, no shows.	5.3
427	437	Granite Gneiss Basement (70%): abundant off white - glassy quartz, medium - coarse grained, angular - subrounded, poorly sorted, hard, siliceous, common K - feldspar, frequent orange - tan angular quartzite, in part micaceous, abundant white kaolinite, no shows. Mafic Gneiss Basement (30%): dark green, very hard, brittle, with frequent dark angular hornblende + pyroxene, occasional grains of dark green chlorite, light green epidote + fine grained pyrite. no shows.	1.4
From midnight to 6 am			
437	440	Granite Gneiss Basement (70%): abundant off white - glassy quartz, medium - coarse grained, angular - subrounded, poorly sorted, hard, siliceous, common K - feldspar, frequent orange - tan angular quartzite, in part micaceous, abundant white kaolinite, no shows. Mafic Gneiss Basement (30%): dark green, very hard, brittle, with frequent dark angular hornblende + pyroxene + mica fragments, occasional grains of dark green chlorite, light green epidote + fine grained pyrite. no shows.	0.9

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
430	73	39	34	BGG
440	65	35	31	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 6 1/8" tricone bit **in** 437m **out** **footage**

OPERATION SUMMARY

Handle Core Bbls & Pull Inner Bbls/Inspect Bit. Evaluate Core #14 / Cut 21.15 m Recovered 21.15m 100% Recovery
Make Up Core Bbls / Inner Bbls. Trip In Hole w/ Core Bbls Run #15. Cut Core # 15 f/ 425.16 - 430.2 m Cut 5 m 70 sks 8600 Kpa / 1.5 - 3.5 m/hr 50 Rpm
Evaluate Core #15 / Cut 5 m Recovered 5 m 100% Recovery. Lay Out Coring Assembly.
Make Up Tricone & Bha & Run In / Pick Up Singles. Drill 156 mm Hole f/ 430 -437.17 m / 70 Stks 4700 Kpa / 5-6 DaN /75 Rpm. Trip Out Of Hole w/ Flow Checks

From midnight to 6 am

Continue Trip Out Of Hole w/ Flow Checks.Trip in hole w/ new 156mm bit. Drill 156 mm Hole from 437.15 to 440.58 m (70 Stks 4700 Kpa / 5-6 DaN /75 Rpm)

Planned operations	Drill To FTD, Circ and POOH To Wireline Log with Baker Hughes.
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 18

INVESTCAN Energy Corp

Date : 08/12/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 384992 5357531

MD KB @ 6 am	*445*	TVD ss @ 6 am	*337*	24 Hrs Progress (m)	*12*	Average ROP	*1m/h*
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1100 kg/m3

Current formation	PreCambrian Basement	Prognosed next marker	N/A

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
437	445	Granite Gneiss Basement (70%): abundant off white - glassy quartz, medium - coarse grained, angular - subrounded, poorly sorted, hard, siliceous, common K - feldspar, frequent orange - tan angular quartzite, in part micaceous, abundant white kaolinite, no shows. Mafic Gneiss Basement (30%): dark green, very hard, brittle, with frequent dark angular hornblende + pyroxene, occasional grains of dark green chlorite, light green epidote + fine grained pyrite. No shows.	1
From midnight to 6 am			

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type
440	65	35	31	BGG
445	71	39	31	BGG

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
439	6		331.5	
From midnight to 6 am				

Bit type 6 1/8" tricone bit **in** 437m **out** 445m **footage**

OPERATION SUMMARY

Continue Trip Out Of Hole w/ Flow Checks.Trip in hole w/ new 156mm bit. Drill 156 mm Hole f/ 437.15-440.58 m / 70 Stks 4700 Kpa / 5-6 DaN /75 Rpm
Drill 156 mm Hole f/ 439 - 445 m TD/ 70 Stks 4700 Kpa / 5-6 DaN /75 Rpm. Wireline Survey @ 439 m 6 Deg.Trip Out Of Hole w/ Flow Checks
Rig Up logging BHA and Log w/ Baker Run # 1 HDIL/ZDL/CN/GR. Log Run # 2 XMAC / GR. Log Run #3/ STAR/CBIL/DRIT/GR

From midnight to 6 am

Continue to Log run #3/ STAR / CBIL / DRIT / GR and complete.
Log run # 4 / MREX / GR (Trouble shooting with communication problems with the tool when down hole outside the casing.)

Planned operations	Continue Wireline Log with Baker.
Recorded Temperature	
Others	

DAILY GEOLOGICAL REPORT N° 19

Date : 09/12/2012
Well : Gobineau#1
Rig : Foragaz#3

WSG : Roland STRICKLAND / Marine Di MATTEO

Coord: NAD 27 — 384992 / 5357531

MD KB @ 6 am	445	TVD ss @ 6 am	337	24 Hrs Progress (m)		Average ROP	
Spud date	10/11/2012	Last casing at MD	214	Hole size (in)	6-1/8"		
KB - ASL	107.48m	GL - ASL	103.18	Mud type	Fresh water	MW	1100 kg/m3

Current formation	PreCambrian Basement	Prognosed next marker	N/A

DEPTH INTERVAL		Description / Shows / Remarks	Av ROP m/h
Top MD (m)	Base MD (m)		
From midnight to 6 am			

GAS DATA

Depth MD (m)	Total ppm	C1 (units)	C3 (units)	Type

Legend: BGG=background gas; FG=Formation Gas; PCG=Pipe connection Gas; TG=Trip Gas; STG = Short Trip Gas; SW=Swab gas; POG=Pumps Off Gas

SURVEY DATA

Depth MD (m)	Inc. (°)	Azimuth (°)	TVD ss	DLS (°/30m)
From midnight to 6 am				

Bit type 6 1/8" tricone bit **in** 437m **out** 445m **footage**

OPERATION SUMMARY

Log run #3/ STAR / CBIL / DRIT / GR.
Log run # 4 / MREX / GR (Fault find toolstring). Complete MREX.
Rig Up To Run Log # 5 f/ VSP Pit/ Commence VSP log run.

From midnight to 6 am

Complete VSP and Rig down Baker log run # 5.
Rig up Baker Log Run # 6, GR/FMT.
RIH and complete log run # 6 GR/FMT.

Planned operations	RIH w/ DP and displace well to completion fluids, POOH and run WR plug w/ Baker wireline, nipple down BOPs.
Recorded Temperature	
Others	

APPENDIX L : CORE RUN SUMMARY

Number of pages : *5*

Summary of the content: The core run summary for Gobineau#1

Core Number	Tube/Sample Number	Top Depth, [m]	Bottom Depth, [m]
1	1	216.40	217.00
1	2	217.00	218.00
1	3	218.00	219.25
1	4	219.25	220.00
1	5	220.00	221.00
1	6	221.00	222.00
1	7	222.00	223.00
1	8	223.00	224.00
1	9	224.00	224.93
1	10	224.93	226.00
1	11	226.00	227.00
1	12	227.00	228.00
1	13	228.00	228.75
2	14	229.10	230.00
2	15	230.00	231.00
2	16	231.00	232.00
2	17	232.00	233.00
2	18	233.00	234.00
2	19	234.00	235.00
2	20	235.00	236.00
2	21	236.00	237.00
2	22	237.00	238.00
2	23	238.00	239.00
2	24	239.00	240.00
2	25	240.00	241.00
2	26	241.00	242.00
2	27	242.00	243.00
2	28	243.00	244.25
2	29	244.25	245.00
2	30	245.00	246.00
2	31	246.00	247.00
2	32	247.00	248.00
2	33	248.00	249.00
2	34	249.00	250.00
2	35	250.00	251.00
2	36	251.00	252.00
2	37	252.00	253.00
2	38	253.00	253.60
3	39	255.50	256.00
3	40	256.00	257.00
3	41	257.00	258.00
3	42	258.00	259.00
3	43	259.00	260.00
3	44	260.00	261.15
4	45	262.70	263.00

4	46	263.00	264.00
4	47	264.00	265.00
4	48	265.00	265.20
5	49	265.50	266.60
6	50	266.60	267.00
6	51	267.00	268.00
6	52	268.00	269.00
6	53	269.00	270.00
6	54	270.00	271.00
6	55	271.00	272.00
6	56	272.00	273.00
6	57	273.00	274.00
6	58	274.00	275.00
6	59	275.00	275.65
6	60	275.65	276.00
6	61	276.00	277.00
6	62	277.00	278.00
6	63	278.00	279.00
6	64	279.00	280.00
6	65	280.00	281.00
6	66	281.00	282.00
6	67	282.00	283.00
6	68	283.00	284.00
6	69	284.00	284.60
7	70	284.60	285.00
7	71	285.00	286.00
7	72	286.00	287.00
7	73	287.00	288.00
7	74	288.00	289.00
7	75	289.00	290.00
7	76	290.00	291.00
7	77	291.00	292.00
7	78	292.00	292.50
7	79	292.50	293.00
7	80	293.00	294.00
7	81	294.00	295.00
7	82	295.00	296.00
7	83	296.00	297.00
7	84	297.00	298.00
7	85	298.00	299.00
7	86	299.00	300.00
7	87	300.00	301.00
7	88	301.00	301.70
8	89	301.70	302.00
8	90	302.00	303.00
8	91	303.00	304.00
8	92	304.00	305.00
8	93	305.00	306.00
8	94	306.00	307.00

8	95	307.00	308.00
8	96	308.00	309.00
8	97	309.00	310.00
8	98	310.00	311.00
8	99	311.00	312.00
8	100	312.00	313.00
8	101	313.00	314.00
8	102	314.00	315.00
8	103	315.00	316.00
8	104	316.00	317.00
8	105	317.00	318.00
8	106	318.00	319.00
8	107	319.00	319.60

9	108	319.80	321.00
9	109	321.00	322.00
9	110	322.00	323.00
9	111	323.00	324.00
9	112	324.00	325.00
9	113	325.00	326.00
9	114	326.00	326.75
9	115	326.75	328.00
9	116	328.00	329.00
9	117	329.00	330.00
9	118	330.00	331.00
9	119	331.00	332.00
9	120	332.00	333.00
9	121	333.00	334.00
9	122	334.00	335.00
9	123	335.00	336.10

10	124	336.30	337.00
10	125	337.00	338.00
10	126	338.00	339.00
10	127	339.00	340.00
10	128	340.00	341.00
10	129	341.00	342.00
10	130	342.00	343.00
10	131	343.00	344.10
10	132	344.10	345.00
10	133	345.00	346.00
10	134	346.00	347.00
10	135	347.00	348.00
10	136	348.00	349.00
10	137	349.00	350.00
10	138	350.00	351.00
10	139	351.00	352.00
10	140	352.00	353.20
10	141	353.20	354.00
10	142	354.00	355.00
10	143	355.00	356.00
10	144	356.00	357.00
10	145	357.00	358.00

10	146	358.00	359.00
10	147	359.00	360.00
10	148	360.00	361.00
10	149	361.00	362.00
10	150	362.00	362.30
10	151	362.30	363.00
10	152	363.00	364.00
10	153	364.00	365.00
10	154	365.00	366.00
10	155	366.00	367.00
10	156	367.00	368.00
10	157	368.00	369.00
10	158	369	370.00
10	159	370	371.00
10	160	371	372.10

11	161	372.4	373.00
11	162	373	374.00
11	163	374	375.00
11	164	375	376.00
11	165	376	376.95
11	166	376.95	378.00
11	167	378	379.00
11	168	379	380.00
11	169	380	381.00
11	170	381	382.00
11	171	382	383.00
11	172	383	384.00
11	173	384	385.00
11	174	385	386.00

12	175	386	387.00
12	176	387	388.00
12	177	388	389.00
12	178	389	390.00
12	179	390	391.00
12	180	391	392.00
12	181	392	393.00
12	182	393	393.40

13	183	394.2	395
13	184	395	396
13	185	396	397
13	186	397	398
13	187	398	399
13	188	399	400
13	189	400	401
13	190	401	402
13	191	402	403
13	192	403	403.6

14	193	404	405
14	194	405	406
14	195	406	406.8
14	196	406.8	408

14	197	408	409
14	198	409	410
14	199	410	411
14	200	411	412
14	201	412	413
14	202	413	414
14	203	414	415
14	204	415	416
14	205	416	417
14	206	417	418
14	207	418	419
14	208	419	420
14	209	420	421
14	210	421	422
14	211	422	423
14	212	423	424

15	213	424	425.15
15	214	425.15	426
15	215	426	427
15	216	427	428
15	217	428	429
15	218	429	430.3

APPENDIX M : GEOLOGICAL STRIP LOG

Number of pages : *13*

Summary of the content: This appendix presents the geological striplog recorded during Gobineau#1 operations.

Well Information

Operator:	**Investcan Energy Corp**
Well Name:	**Investcan Energy Corp Gobineau 1**
Location:	**Western Newfoundland**
UWI:	Gobineau 1
Pool:	
Field:	Flat Bay
Province / State:	Newfoundland - Labrador
Country:	Canada

INVESTCAN Energy Corp

Elevations

Reference:	103.18	**Ground:**	m
Cut(-) / Fill(+):		**Kelly Bushing:**	107.48 m
K.B. to Ground:	4.3 m	**Casing Flange:**	m

Total Depth

Measurement Type	Measured Depth	True Vertical Depth
Drillers TD (Tally)	445 m	445 m
Drillers TD (Strap or SLM)	m	m
Loggers TD	444 m	444 m

Well Co - Ordinates

	Longitude	Latitude	
			Well Type: Straight
Surface Co-Ordinates:			**NS:** 5357531.425 NAD 27 **EW:** 384991.760 NAD 27
Int. Casing Co-Ordinates:			**NS:** **EW:**
Bottom Hole Co-Ordinates:			**NS:** 5357531.425 NAD 27 **EW:** 384991.760 NAD 27
UTM Surface Co-Ordinates:	**Northing:**		**Easting:**

Drilling Fluid Summary

Fluid Type	From	To
Water Based	0 m	162 m
Polymer based	162 m	445 m

Casing Summary

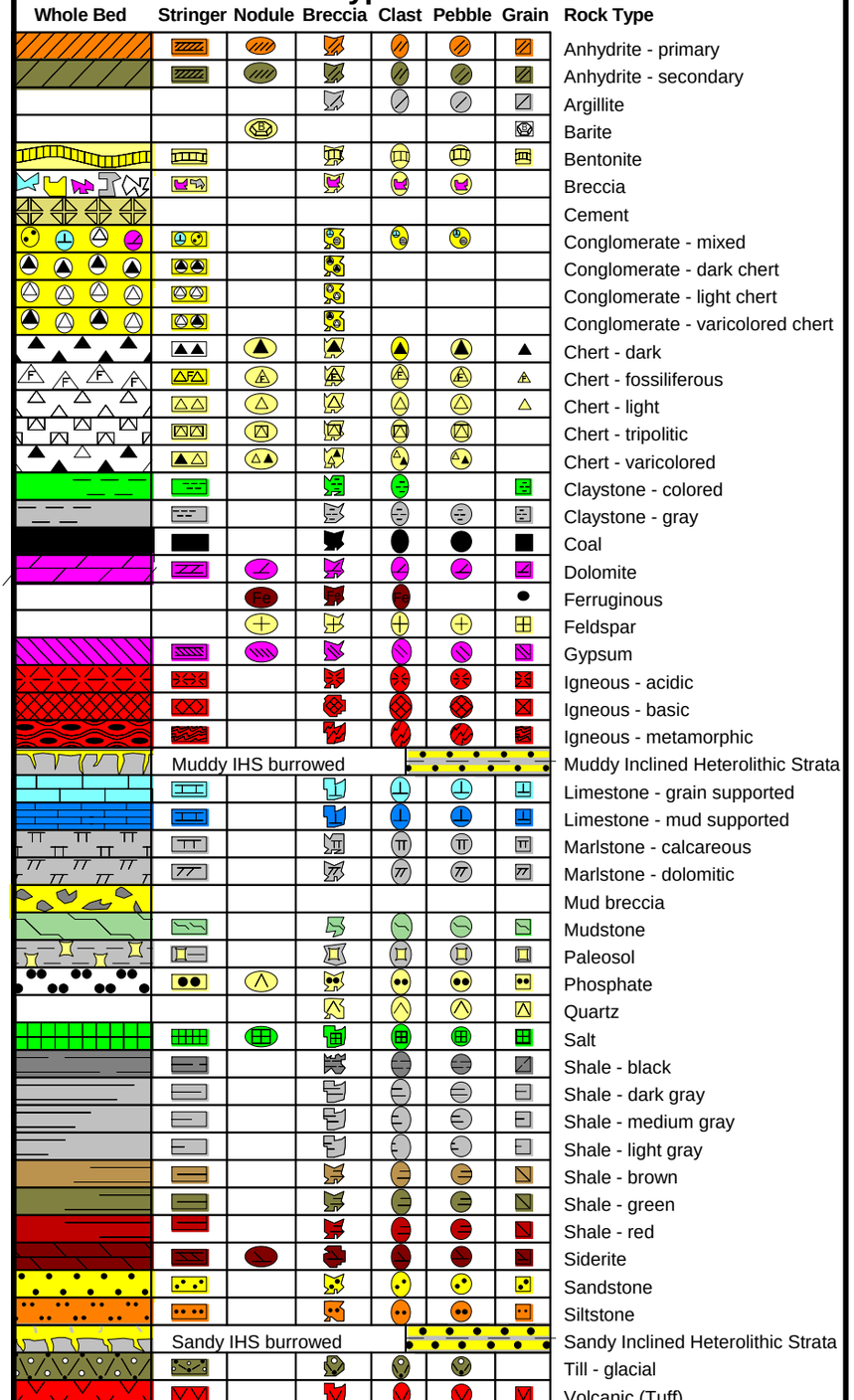
Type	Hole Size	Casing Size	Landed At
Conductor	311 mm	340 mm	15.8 m
Conductor	311 mm	244.5 mm	162 m
Surface	216 mm	177.8 mm	215.69 m

Well Summary

Spud Date:	Nov 10, 2012 @ 14:30hrs	**Contractor:**	Foragaz Rig #3
TD Date:	Dec 8, 2012 @ 11:00hrs	**Rig Release Date:**	Dec 12, 2012 @ 15:30hrs

Legend

Rock Types and Thin Beds



Accessories

	Anhydritic	G	Gibbsitic
	Argillaceous	I	Illitic
	Baritic	K	Kaolinitic
	Bentonitic	L	Lithic Fragment
	Bituminous		Marly - calcareous
	Calcareous		Marly - dolomitic
	Carbonaceous		Micromicaceous
	Cherty - dark	ML	Mixed layer clayey
F	Cherty - fossiliferous	M	Montmorillonitic
	Cherty - light		Phosphate pellets
	Cherty - tripolitic	P	Pyritic
	Cherty - varicolored		Salt casts
C	Chloritic		Sandy
	Clayey		Sideritic
	Dolomitic		Siliceous
Fe	Ferruginous staining		Silty
	Fractures		Stylolitic
	Glauconitic		Tuffaceous
	Gypsiferous	Z	Zeolitic

Fossils (Rock Builders)

	Aggregate grains		Foraminifera
	Algae - laminations	F	Fossil
	Algae - non descript		Fragmental
	Algae - ootoid		Gastropod
	Algae - skeletal		Graptolite
	Amphipora		Hydrozoa
	Belemnite		Intraclast
	Bioclastic		Mollusc
	Brachiopod		Oncolite
	Bryozoa		Oolite
	Calciphaera		Ostracod
	Cephalopod		Pelecypod
	Chaetetes		Pellet
	Coated grain		Pisolite
	Conodont		Plant Remains
	Coral	S	Plant Spores
	Coral - branching		Scaphopod
	Coral - head		Spicule
	Coral - colonial		Sponge
S	Coral - solitary		Stromatoporoid
	Crinoid	B	Stromatoporoid - bulbous
	Diatom	M	Stromatoporoid - massive
	Echnoid		Stromatoporoid - tabular
	Echnoid - spine		Tentaculites
	Fish Remains		Trilobite
	Euryamphipora		

Matrix

	Argillaceous		Marl - calcareous
BFS	Bafflestone		Marl - dolomitic

Miscellaneous Grains

	Biotite		Mineral crystal		Orthoclase
	Glauconite		Mineral - dark		Plagioclase
	Mica flakes		Muscovite		Sand grain

Porosity Type Track

e	Earthy - low permeability - crystals / grains less than 1 / 16 mm		
	Fenestral - voids from gas bubbles - shrinkage cracks - birdseye texture		
X	Intercrystalline - Interfragmental - Intergranular		
F	Fracture	O	Organic - Bridged - Intrafossil
	Interoolitic - Interpelletoidal	P	Pinpoint - voids less than 1/ 16 mm
	Moldic	V	Vuggy - voids greater than 1 / 16 mm

Oil Show Track

	Even staining (75 - 100% of the rock is stained) - fluoresces in solvent
	Spotted staining (50 - 75% of the rock is stained) - fluoresces in solvent
	Spotted staining (25 - 50% of the rock is stained) - fluoresces in solvent
	Spotted staining (1 - 25% of the rock is stained) - fluoresces in solvent
	Questionable oil staining - No fluorescents in solvent
D	Dead oil staining - asphaltic - bitumen - pyrobitumen etc.
F	Fluoresces - no visible oil staining

Trace Fossil Track

An	Anconichnus	Ar	Arenicolites	At	Arthrophycus	As	Asterosoma
Au	Aulichnites	Be	Bergaueria	Cg	Camborygma	Cf	Celliforma
Cb	Chabutolithes	Ch	Chondrites	Cl	Climactichnites	Co	Conichnus
Cp	Cosmoraphe	C	Cruziana	Cy	Cylindrichnus	Da	Dactyloidites
Dm	Dimorphichnus	D	Diplocraterion	Ea	Eatonichnus	En	Entobia
Et	Entomichnus	Esc	Escape Traces	Ga	Gastrochaenolites	Gl	Glossifungites
G	Gyrolithes	Gy	Gyrophyllites	H	Helminthopsis	K	Kouphichnium
L	Lockeia	Lo	Lorenzinia	Mp	Macanopsis	Ma	Macaronichnus
Mo	Monocraterion	Ne	Neonereites	N	Nereites	O	Ophiomorpha
Pa	Palaeophycus	Pd	Paleodictyon	Pc	Paleohelcura	Pl	Paleoscolytus
Pt	Petalichnus	Py	Phycodes	Ph	Phycosiphon	P	Planolites
Pm	Psammichnites	Ps	Psilonichnus	Rh	Rhizocorallium	Rg	Rogerella
Ro	Rosselia	Ru	Rusophycus	Sb	Scalarituba	Sc	Schaubcylindrichnus
Sy	Scoyenia	Si	Siphonichnus	S	Skolithos	Sp	Spirophycus
Su	Subphyllochorda	Syn	Synaeresis Cracks	Te	Teichichnus	Tr	Terebellina
Td	Teredolites	Th	Thalassinoides	Tc	Trichichnus	Tp	Trichophycus
Ty	Trypanites	Z	Zoophycos				

Sedimentary Structures

	Ball and pillow		Bioturb-churned		Bioturb-slightly		Bioturb-moderate
	Bioturb-mod well		Bioturb-well		Boudinage		Burrows
	Clastic Dike		Clastic sill		Desiccation crack		Dish structure
	Fault-Large scale		Fault-Small scale		Flame structure		Flute mark
	Geopetal		Groove casts		Gutter casts		Load casts
IHS	Inclined heterolithic strata				Mud chips		Mud drapes
	Neptunian dike		Pit marks		Pull-a-part		Rill marks
	Rip up clasts		Roots / root trace		Scour and Fill		Slump structure

Cement

	Anhydritic		Gypsiferous
	Baritic		Hematitic
	Bituminous		Limonitic
	Calcareous		Pyritic
	Chert - dark		Salt
	Chert - light		Sideritic
	Dolomitic		Siliceous
	Ferruginous		

Sorting Track

vP	Very poorly sorted - > 10 phi size grade classes
P	Poorly sorted - 6-10 phi size grade classes
M	Moderately sorted - 3-6 phi size grade classes
mW	Moderately well sorted - 2-3 phi size grade classes
W	Well sorted - < 2 phi size grade classes

Rounding Track

vA	Very Angular	**r**	Subrounded
A	Angular	**R**	Rounded
a	Subangular	**wR**	Well Rounded

Framework Track

Framework is a ratio between clastic material greater than 1/16 mm and primary void filler less than 1/16 mm.
? indicates questionable interpretation

Core Track

Indicates Cored Interval
Indicates Lost Core

Test Track

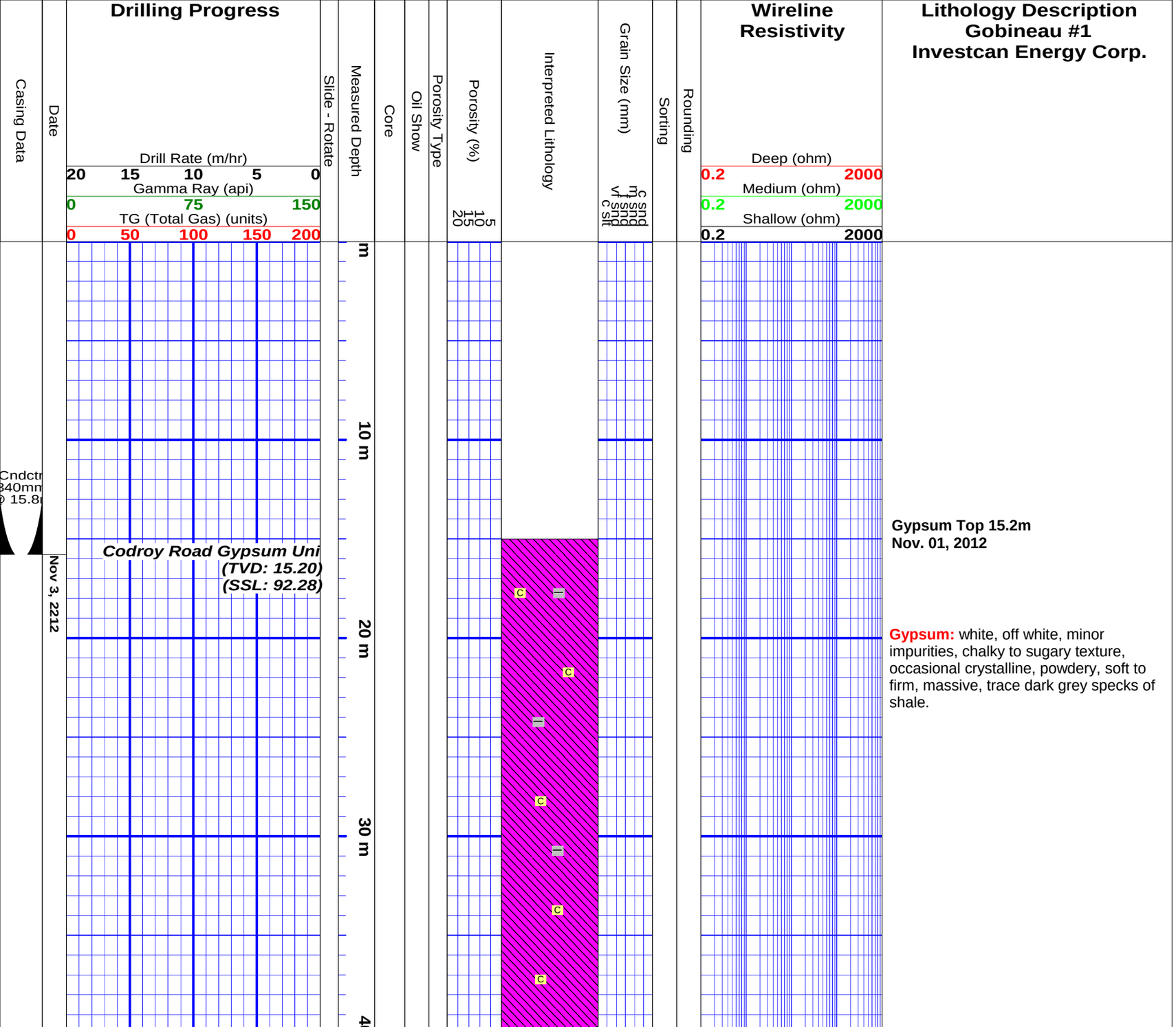
Indicates Tested Interval

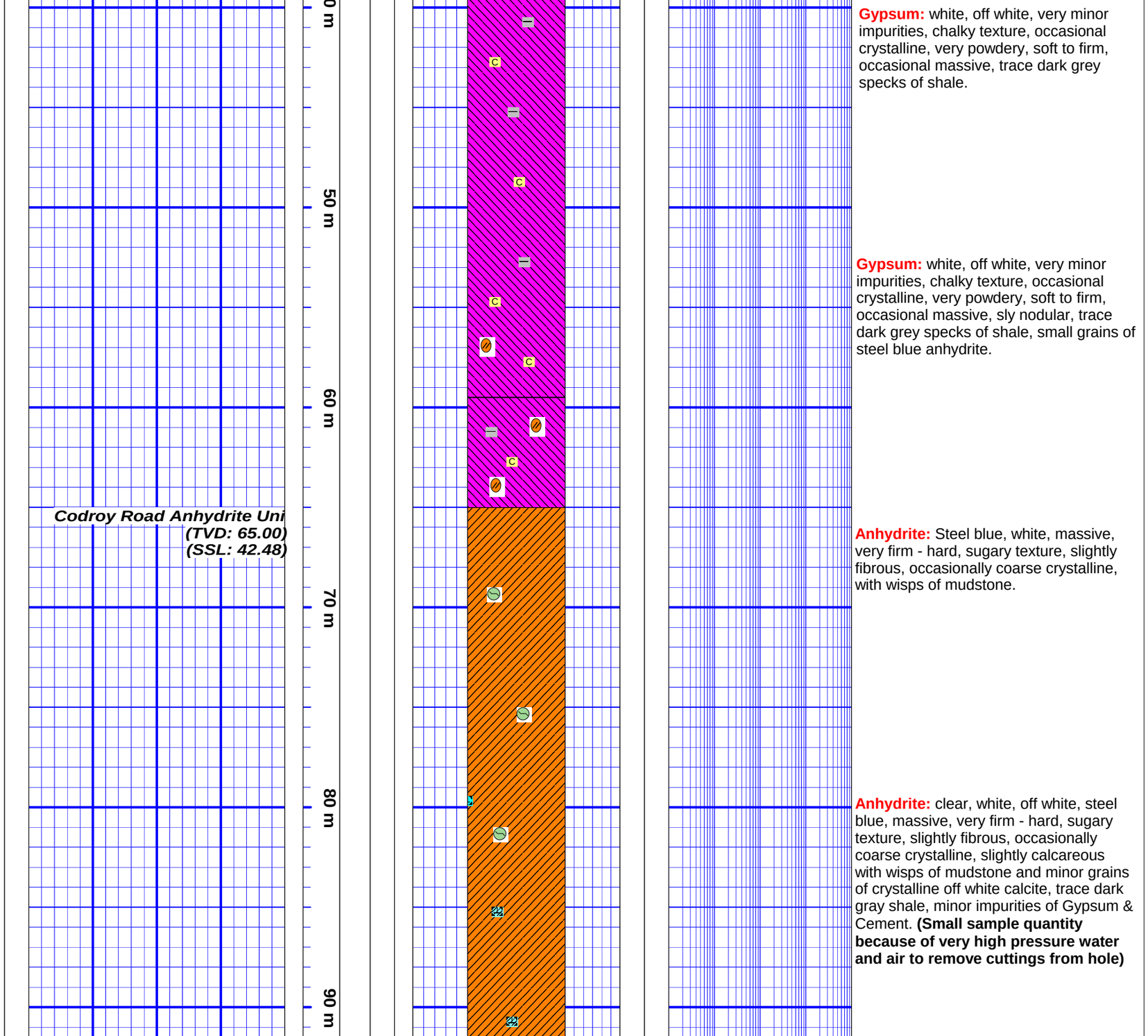
Sedimentary Structures Bedding / Cross Bedding

CM	Centimeter bedding		Inverted graded bedding
DM	Decimeter bedding		Massive bedding
MM	Millimeter bedding		Normal graded bedding
	Chevron x-bedding		Herringbone x-bedding
	Sigmoidal x-bedding		Hummocky x-bedding
	Swaley x-bedding		Planar/Tabular x-bedding
	Trough x-bedding		

Sedimentary Structures Laminations / Cross Laminations

	Climbing ripple xlam		Contorted/Slumped lams
	Current ripple xlam		Flaser laminations
	High angle xlam		High angle parrallel lams
	Lenticular lams		Low angle xlam
	Low angle para lam		Parallel laminations


Casing Data
Date
Drilling Progress
Drill Rate (m/hr)
20 15 10 5 0
Gamma Ray (api)
0 75 150
TG (Total Gas) (units)
0 50 100 150 200
Slide - Rotate
Measured Depth
Core
Oil Show
Porosity Type
Porosity (%)
5 10 15 20
Interpreted Lithology
Grain Size (mm)
c snd
m snd
f snd
vf snd
c slt
Sorting
Rounding
Wireline Resistivity
Deep (ohm)
0.2 2000
Medium (ohm)
0.2 2000
Shallow (ohm)
0.2 2000
Lithology Description
Gobineau #1
Investcan Energy Corp.
Cndctr
340mm
@ 15.8
Nov 3, 2212
m
10 m
20 m
30 m
Codroy Road Gypsum Uni
(TVD: 15.20)
(SSL: 92.28)
Gypsum Top 15.2m
Nov. 01, 2012
Gypsum: white, off white, minor impurities, chalky to sugary texture, occasional crystalline, powdery, soft to firm, massive, trace dark grey specks of shale.

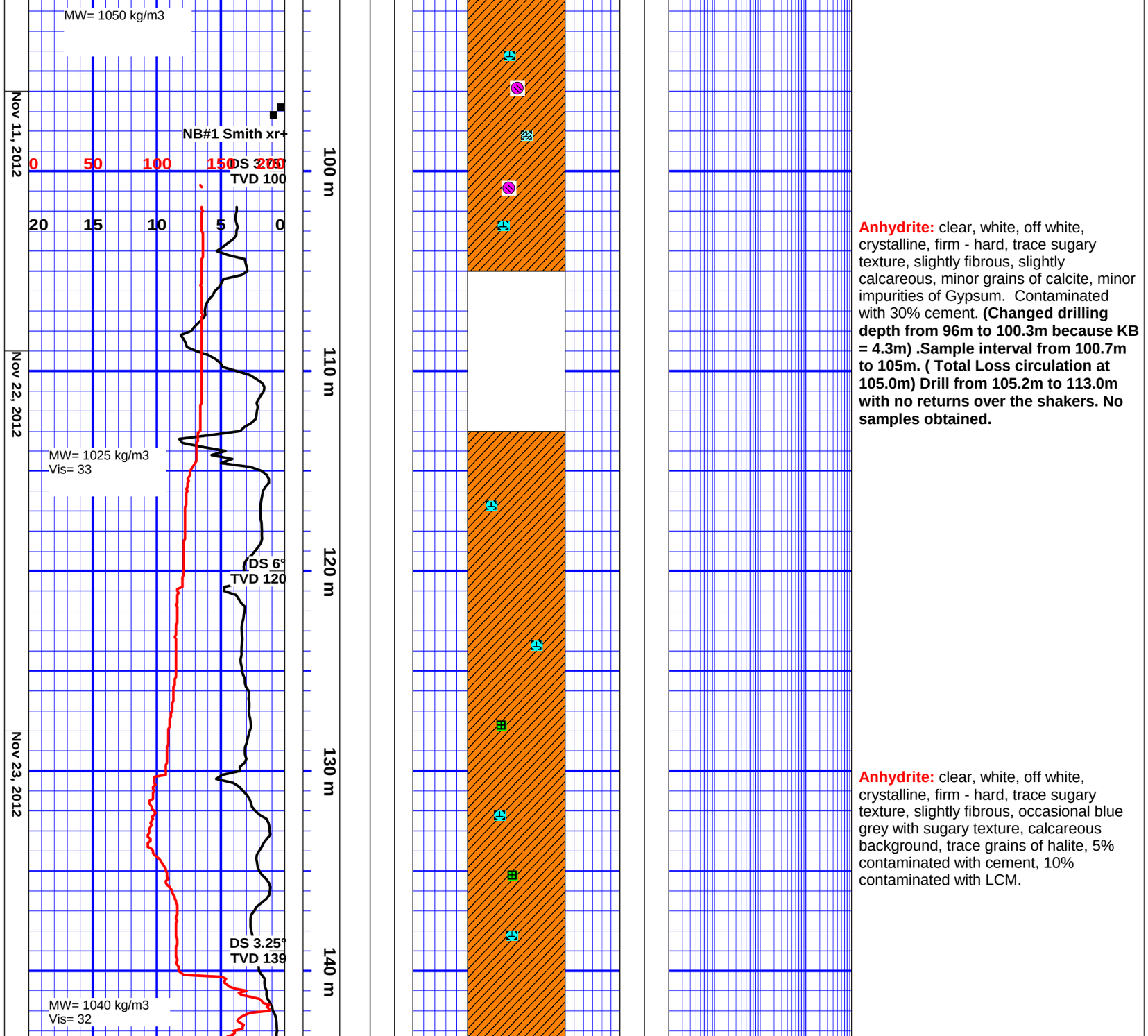


Gypsum: white, off white, very minor impurities, chalky texture, occasional crystalline, very powdery, soft to firm, occasional massive, trace dark grey specks of shale.

Gypsum: white, off white, very minor impurities, chalky texture, occasional crystalline, very powdery, soft to firm, occasional massive, sly nodular, trace dark grey specks of shale, small grains of steel blue anhydrite.

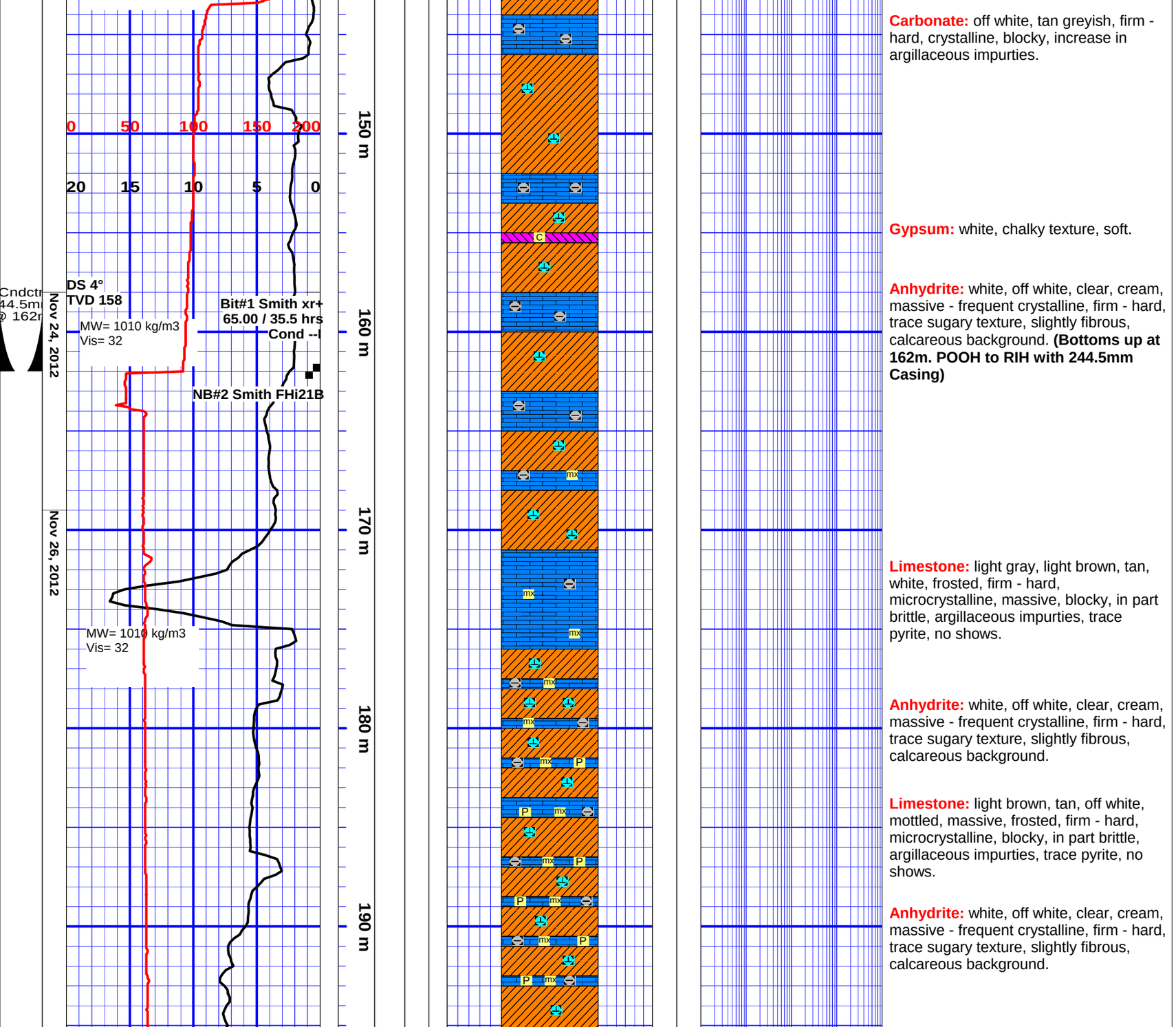
Anhydrite: Steel blue, white, massive, very firm - hard, sugary texture, slightly fibrous, occasionally coarse crystalline, with wisps of mudstone.

Anhydrite: clear, white, off white, steel blue, massive, very firm - hard, sugary texture, slightly fibrous, occasionally coarse crystalline, slightly calcareous with wisps of mudstone and minor grains of crystalline off white calcite, trace dark gray shale, minor impurities of Gypsum & Cement. **(Small sample quantity because of very high pressure water and air to remove cuttings from hole)**



Anhydrite: clear, white, off white, crystalline, firm - hard, trace sugary texture, slightly fibrous, slightly calcareous, minor grains of calcite, minor impurities of Gypsum. Contaminated with 30% cement. **(Changed drilling depth from 96m to 100.3m because KB = 4.3m) .Sample interval from 100.7m to 105m. (Total Loss circulation at 105.0m) Drill from 105.2m to 113.0m with no returns over the shakers. No samples obtained.**

Anhydrite: clear, white, off white, crystalline, firm - hard, trace sugary texture, slightly fibrous, occasional blue grey with sugary texture, calcareous background, trace grains of halite, 5% contaminated with cement, 10% contaminated with LCM.



Carbonate: off white, tan greyish, firm - hard, crystalline, blocky, increase in argillaceous impurties.

Gypsum: white, chalky texture, soft.

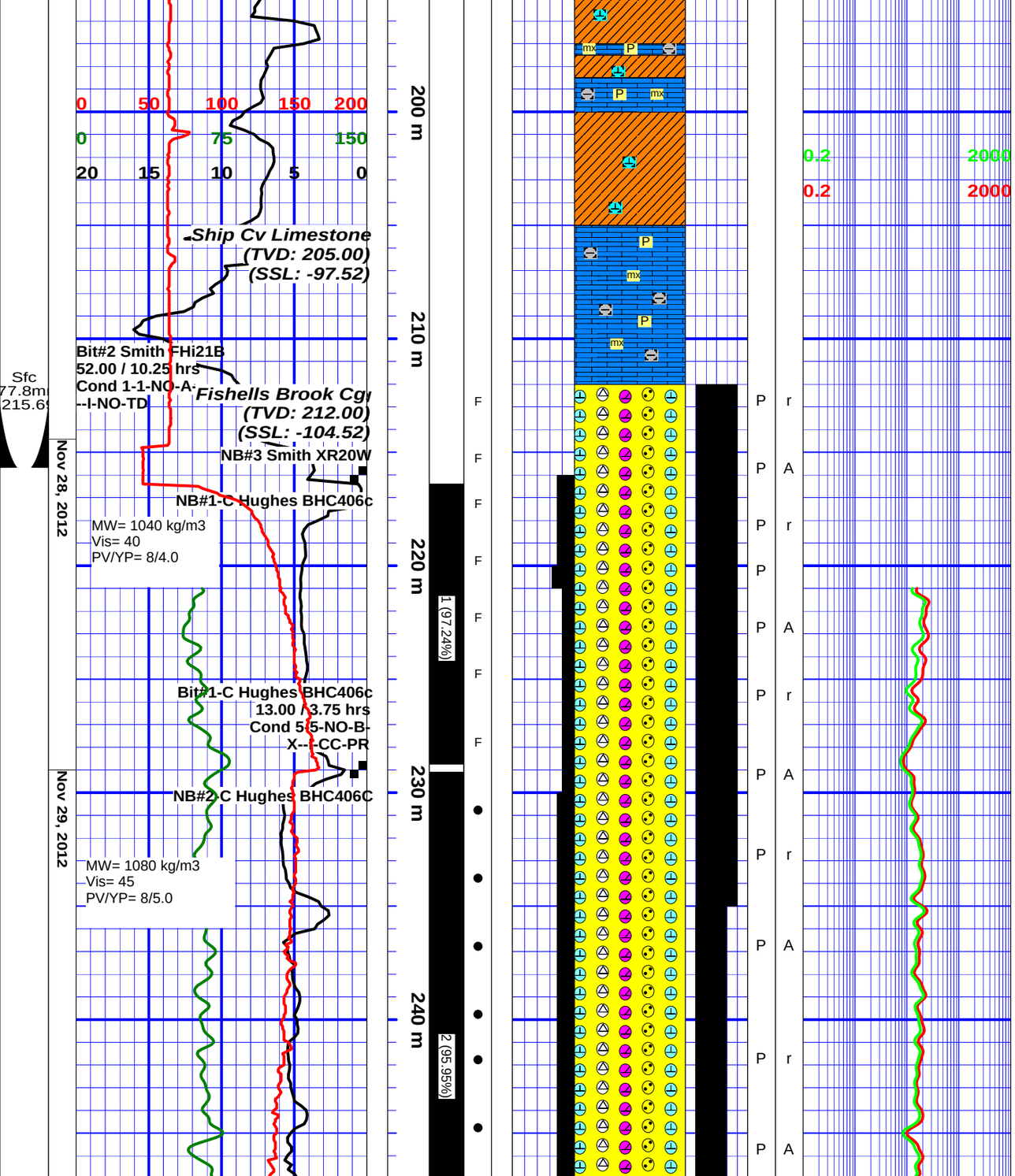
Anhydrite: white, off white, clear, cream, massive - frequent crystalline, firm - hard, trace sugary texture, slightly fibrous, calcareous background. **(Bottoms up at 162m. POOH to RIH with 244.5mm Casing)**

Limestone: light gray, light brown, tan, white, frosted, firm - hard, microcrystalline, massive, blocky, in part brittle, argillaceous impurties, trace pyrite, no shows.

Anhydrite: white, off white, clear, cream, massive - frequent crystalline, firm - hard, trace sugary texture, slightly fibrous, calcareous background.

Limestone: light brown, tan, off white, mottled, massive, frosted, firm - hard, microcrystalline, blocky, in part brittle, argillaceous impurties, trace pyrite, no shows.

Anhydrite: white, off white, clear, cream, massive - frequent crystalline, firm - hard, trace sugary texture, slightly fibrous, calcareous background.



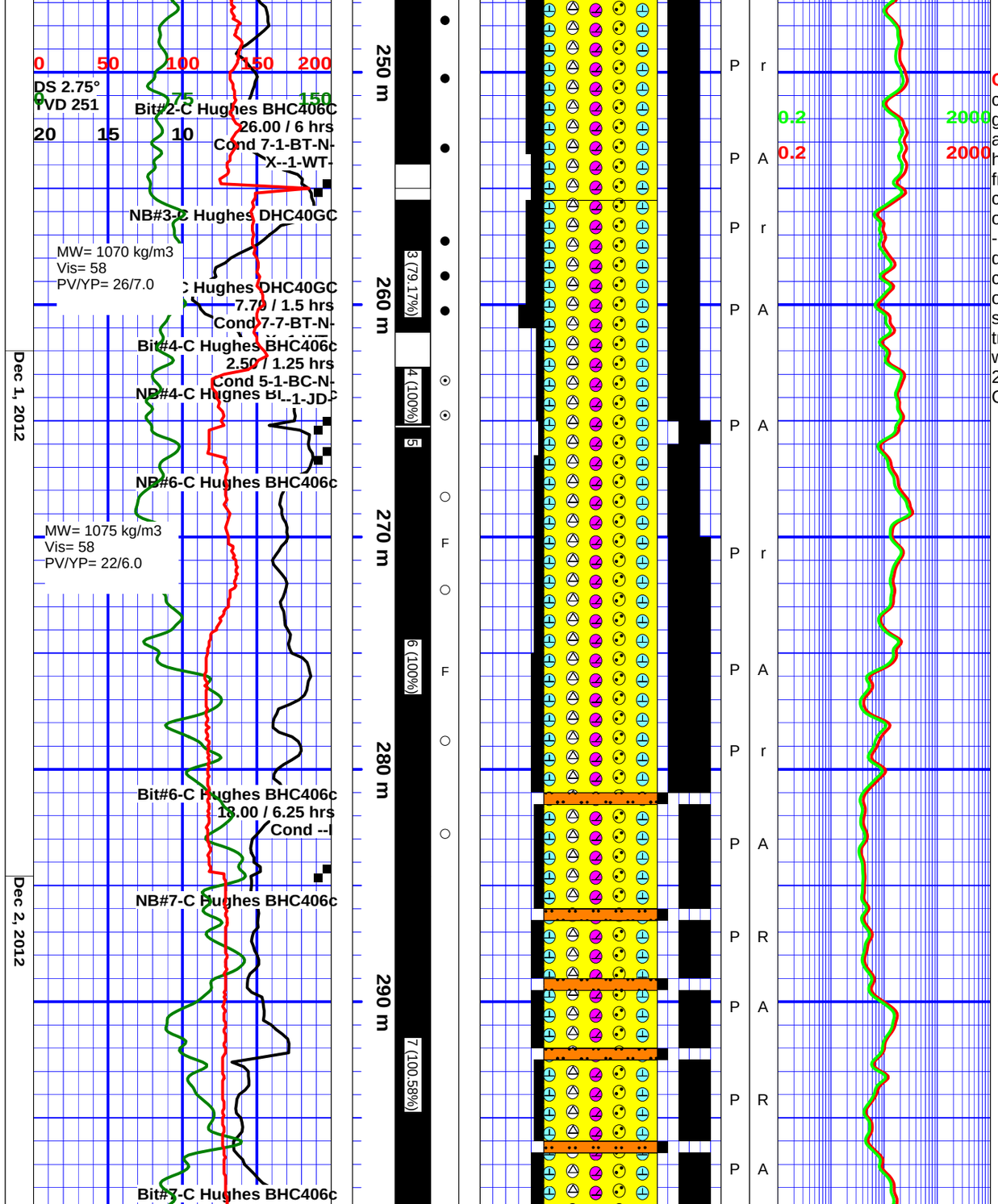
Limestone: off white, white, light brown, tan, massive, firm - hard, microcrystalline, blocky, in part brittle, argillaceous impurties, trace pyrite, no shows.

Limestone: dark - medium brown, gray brown, tan, off white, firm - hard, microcrystalline, massive, blocky, in part brittle, very argillaceous impurties, trace pyrite, slight laminae, no shows

Conglomerate: light gray, cream, clear, very fine - coarse grained quartz grains, angular - subround, poorly sorted, abundant white calcareous cement, frequent clear - white quartzite clasts, common glauconite grains, occasional orange feldspar, common off white, blocky, dolomitic grains, occasional nodular pyrite, common dark gray chert fragments, poor - fair intergranular porosity, faint blooming yellow cut fluorescence.**(POOH to set 177.8mm surface casing at 214.6m.)**

Conglomerate: cream, clear, fine grained quartz grains, angular - subround, poorly sorted, white calcareous cement, clear - white quartzite clasts, common dark gray chert fragments, common white - off white, blocky, dolomitic grains, frequent glauconite grains, frequent orange feldspar, poor - fair visual porosity. **(Sample description for 215m & 216m)**

Conglomerate: light gray, white, cream, clear, gray green, quartz grains, very fine to medium grained, angular - subround, poorly sorted, very hard, common white calcareous cement, frequent clear to varicolored quartzite clasts, frequent orange feldspar, occasional plagioclase, abundant cream - gray blocky limestone fragments,common dolomite grains, common dark green chlorite grains, occasional nodular pyrite, frequent arkosic, poor intergranular porosity, trace oil staining, yellow fluorescence when



solvent is added. (Live Oil in Core from 231.5m to 253.6m)

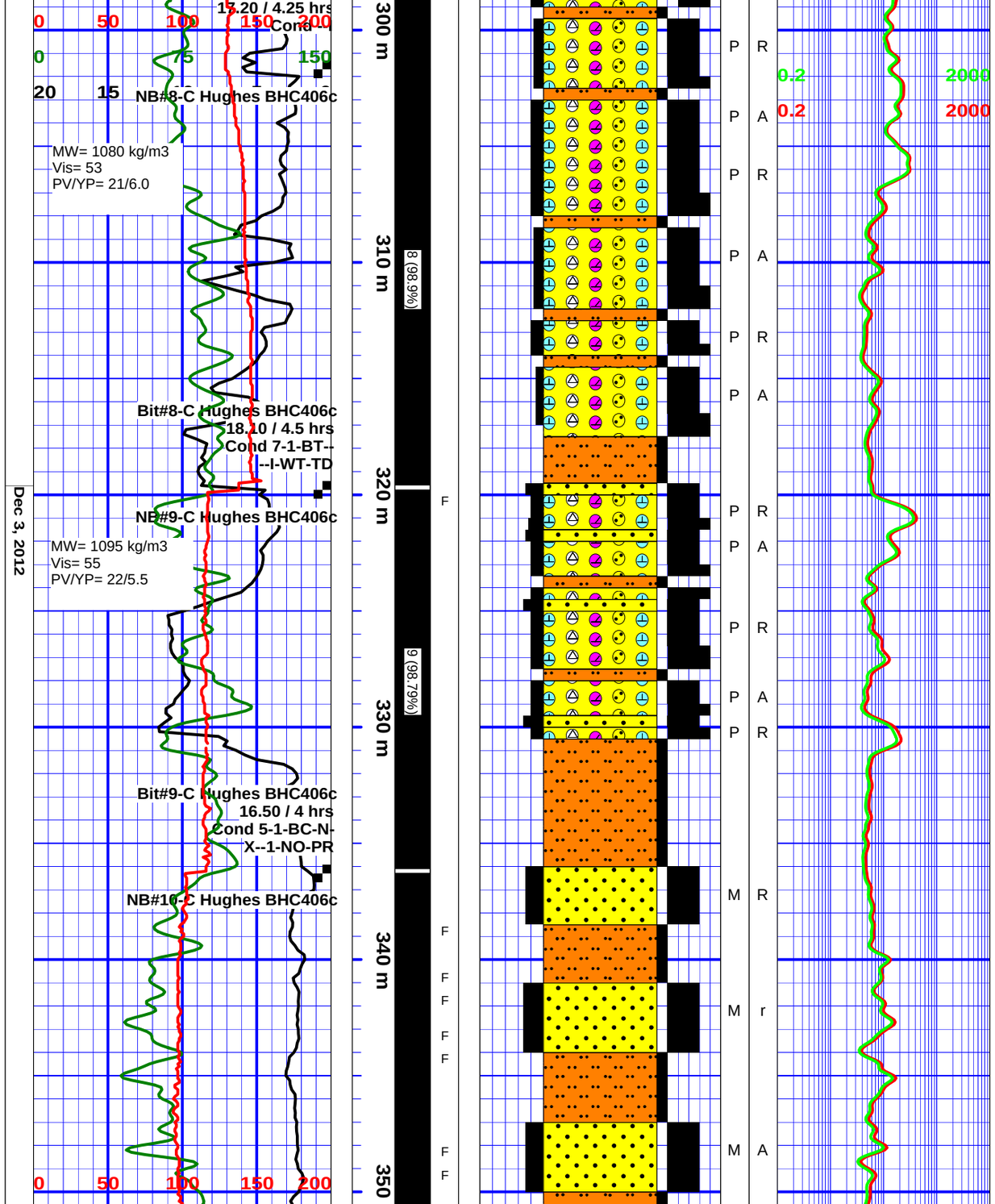
Conglomerate: light gray, white, cream, clear, gray green, predominately quartz grains, very fine to medium grained, angular - subround, poorly sorted, very hard, abundant white calcareous cement, frequent clear to varicolored quartzite clasts, frequent orange feldspar, occasional plagioclase, occasional cream - gray blocky limestone fragments,trace dolomite grains, common dark green chlorite grains, frequent arkosic, occasional chert, trace light brown siderite, 5 - 8% intergranular porosity, trace oil staining, yellow fluorescence when solvent is added.(Live Oil in Core # 2 from 231.5m to 253.6m). Live Oil in Core # 3 fr 257m-260m.)

Conglomerate: light gray, white, cream, clear, gray green, predominately quartz grains, very fine to coarse grained, angular - subround, poorly sorted, hard, abundant white calcareous cement, frequent clear to varicolored quartzite clasts, frequent orange feldspar, occasional plagioclase, abundant cream - gray blocky limestone fragments, common dolomite grains, common dark green chlorite grains, frequent arkosic, trace light brown siderite, 3 - 5% intergranular porosity, no shows.

Siltstone: red brown, shaly to sandy, very soft to soft, calcareous, micaceous in part, trace magnetic material

Conglomerate: red brown, light gray, white, cream, clear, quartz grains, very fine to coarse grained, angular - round, poorly sorted, firm to hard, occasional white calcareous cement, frequent clear to orange quartzite angular fragments + clasts, common orange feldspar, occasional cream - gray blocky light gray limestone fragments, occasional dolomite grains, occasional dark green chlorite grains, frequent arkosic, trace light brown siderite, 3 - 5% intergranular porosity, no shows.

Siltstone: red brown, shaly to sandy,



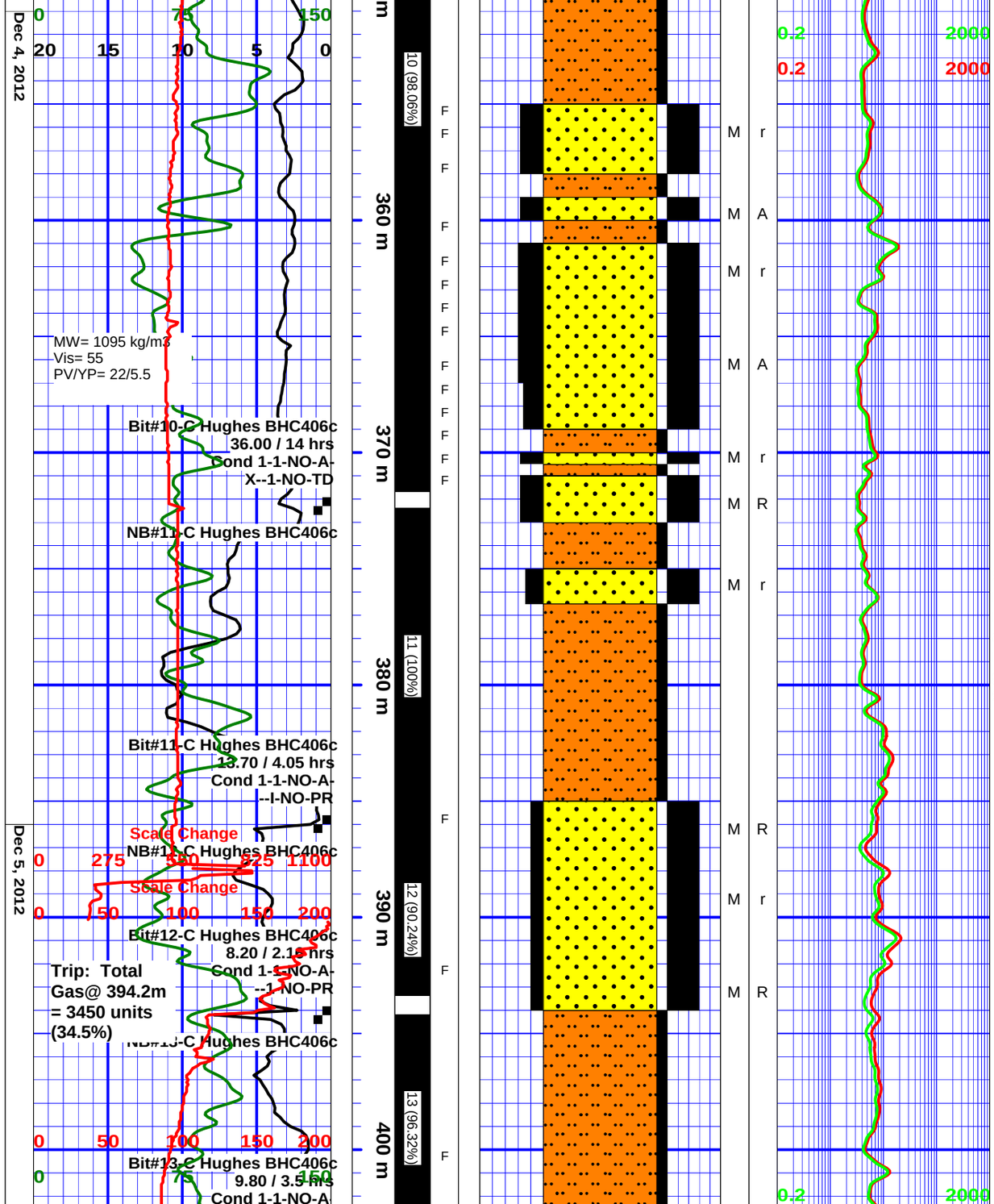
Conglomeratic Sandstone: red brown, orange brown, light gray, clear, quartz grains, very fine to medium grained, occasional coarse grained, angular - round, poorly sorted, firm to hard, frequent white calcareous cement, common clear to orange angular fragments of quartzite, abundant orange feldspar, occasional limestone + dolomite grains, trace dark green chlorite grains, occasional light brown siderite grains,frequent arkosic, 3 - 5% intergranular porosity, no shows, no fluorescence.

Siltstone: red brown, coarse silt, soft - firm, friable, sandy, calcareous, micaceous in part, frequent limestone + chlorite grains, occasional lithic grains, no shows.

Conglomeratic Sandstone: red brown, orange brown, light gray, clear, quartz grains, very fine to medium grained, occasional coarse grained, angular - round, poorly sorted, firm to hard, frequent white calcareous cement, common clear to orange angular fragments of quartzite, abundant orange feldspar, occasional limestone + dolomite grains, trace dark green chlorite grains, occasional light brown siderite grains,frequent arkosic, 8 - 10% intergranular porosity, no shows, no fluorescence in cuttings. **(Observed yellow fluorescence in #8 Core at 319.6m.)**

Siltstone - Claystone: red brown, medium brown,coarse - medium silt, soft - firm, friable, sandy, frequent calcareous hematitic clay matrix, micaceous in part, common limestone + chlorite grains, trace lithic grains, trace white kaolinite, no shows.

Siltstone - Claystone: red brown, medium brown, fine - medium silt, soft - firm, friable, sandy, micaceous in part, no shows.



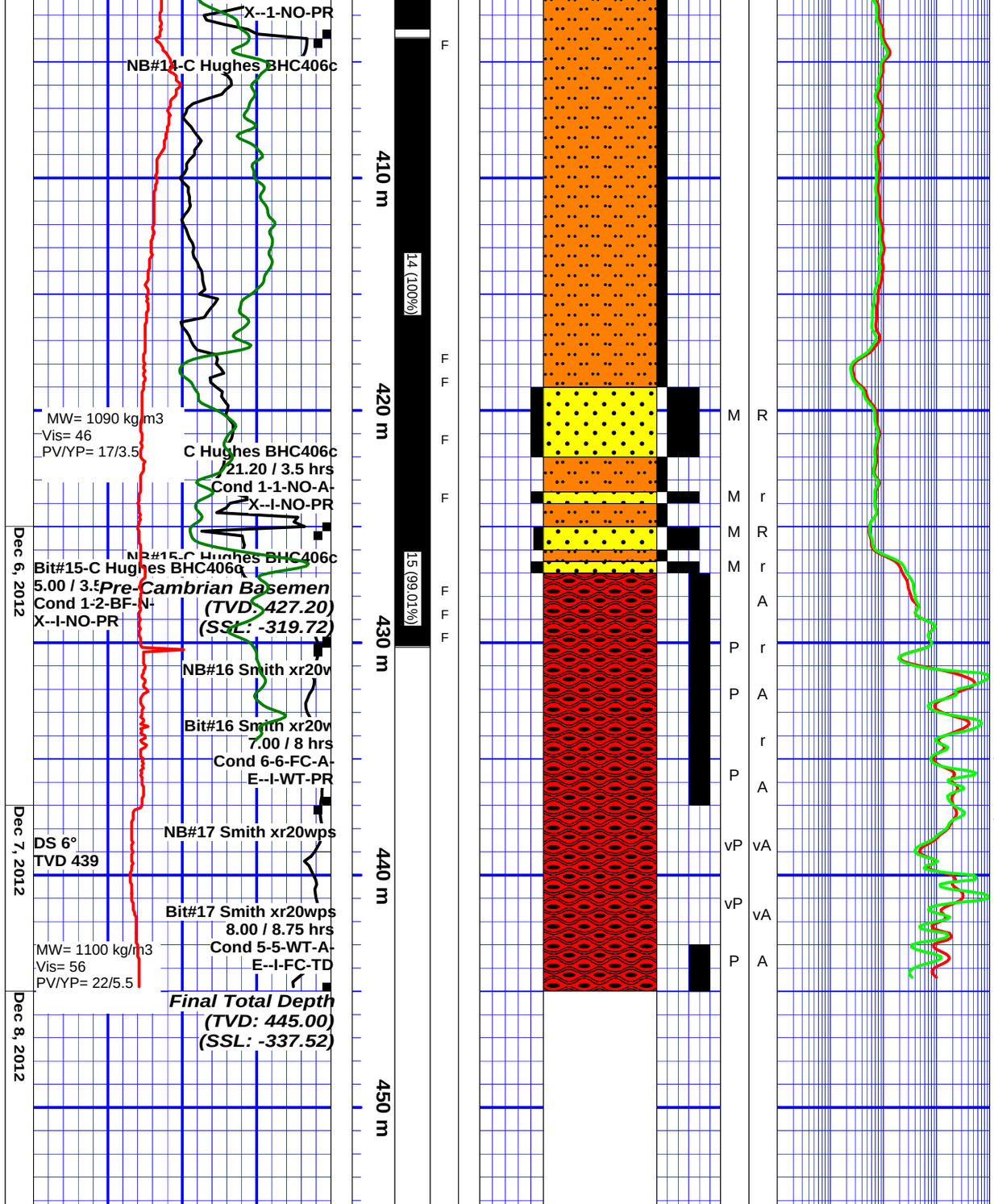
Siltstone - Claystone: red brown, medium brown,coarse - medium silt, soft - firm, friable, sandy, abundant calcareous hematitic clay matrix, micaceous in part, trace lithic grains, frequent white kaolinite, no shows.

Sandstone: red brown, orange brown, light gray, clear, predominately quartz grains, very fine to medium grained, subrounded - round, moderately sorted, firm to hard, frequent white calcareous cement, occasional clear to orange angular fragments of quartzite, frequent orange feldspar, trace arkosic, 8- 10% intergranular porosity, yellow fluorescence when solvent added.

Siltstone - Claystone: red brown, medium brown, light gray green, coarse - medium silt, soft - firm, friable, sandy, abundant calcareous hematitic clay matrix, micaceous in part, trace lithic grains, frequent white kaolinite, no shows.

Sandstone: red brown, orange brown, light gray, clear, predominately quartz grains, very fine to medium grained, subrounded - round, moderately sorted, firm to hard, frequent white calcareous cement, trace clear to orange angular fragments of quartzite, occasional orange feldspar, abundant red arkose, micaceous, firm - hard, 3- 5% intergranular porosity, no shows.

Siltstone - Claystone: dark - medium gray, medium silt, soft - firm, friable, sandy, abundant hard gray calcareous hematitic, micaceous in part, no shows.



Siltstone - Claystone: dark - medium gray, mottled gray, medium silt, soft - firm, friable, sandy, abundant calcareous matrix, micaceous in part, no shows.

Siltstone - Claystone: dark - medium gray, mottled gray, medium silt, soft - firm, friable, sandy, abundant calcareous matrix, frequent white kaolinite, micaceous in part, trace light brown limestone fragments, no shows.

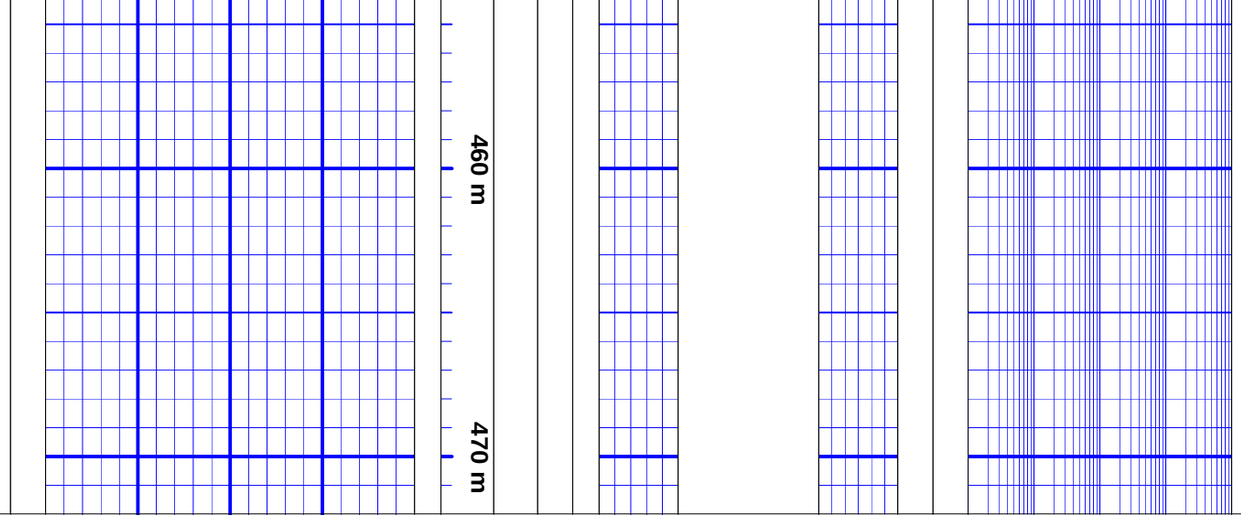
Sandstone: gray, off white, consolidated, clear, predominately quartz grains, very fine to medium grained, subrounded - round, moderately sorted, firm to hard, frequent white calcareous cement, micaceous, trace red orange granitic sandstone, with angular quartz clasts + occasional orange feldspar, 3- 5% intergranular porosity, no shows.

Granite - Gneiss (Basement): 70%, abundant off white - glassy quartz, medium - coarse grained, angular - subrounded, poorly sorted, hard, siliceous, common Potassium - feldspar, frequent orange - tan angular quartzite, in part micaceous, abundant white kaolinite, **(In Core #15 fr 427.2-430.3m, fluorescence in fractures.)**

Mafic - Gneiss (Basement) 30%: dark green, very hard, brittle, with frequent dark angular hornblende + pyroxene + mica fragments, occasional grains of dark green chlorite, light green epidotite + fine grained pyrite. no shows.

Granite Gneiss (Basement) 50%: abundant off white - glassy quartz, medium - coarse grained, angular - subrounded, poorly sorted, hard, siliceous, common Potassium - feldspar, frequent orange - tan angular quartzite, in part micaceous, abundant white kaolinite, no shows.

Mafic Gneiss (Basement) 50%: dark



green, very hard, brittle, with frequent dark angular hornblende + pyroxene + mica fragments, occasional grains of dark green chlorite, light green epidotite + fine grained pyrite. no shows.

Final Total Depth = 445m
2012-12-08

APPENDIX N : ZVSP REPORT

Number of pages : *28*

Summary of the content: This appendix presents the Velocity Survey Report for Gobineau#1.

Velocity Survey

Report

for

Investcan Energy

Well: Gobineau#1

Field: Flat Bay Production

Location: Western Newfoundland, Canada

Report Status:	**Final Report**
Authors:	Zhiqiang Luo
Reviewer:	Harold Castillo
Date:	December 2012

VSFusion

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In the processing and interpretation of the data, VSFusion employees have relied on experience and have exercised their best judgment. However, since all interpretations are opinions based on inferences from acoustical or other measurements, we cannot and we do not guarantee the accuracy or the correctness of any interpretations. As such, we shall not be liable for any loss, damages or expenses resulting from reliance on such interpretation.

CONTENTS

4. LIST OF FIGURES

5. LIST OF ENCLOSURES

Enclosure 1: Field Engineer's Report

Enclosure 2: Velocity Analysis Plot (50 m/in)

Enclosure 3: Component Data Display (5 in/sec)

1 ACQUISITION AND PROCESSING

1.1 INTRODUCTION

Baker Hughes conducted a Velocity Survey for **Investcan Energy** in their **Gobineau#1** well, located in Flat Bay Production field, Western Newfoundland, Canada.

The objective of the velocity survey was to:

- Provide time-depth information

At the time of the survey, the well had been drilled to a depth of 438 m and cased to a depth of 214 m. All measured depths are referenced to the Kelly Bushing *(KB.)* elevation of 107.48 m above MSL. The ground elevation at the wellhead was 103.18 m above mean sea level.

The well was considered to be vertical in all computations.

Table 1 is a summary of the survey acquisition information.

Table 1: Survey information

Run #	Survey Type	Depth Range from KB	# of levels	Tool
1	Velocity Survey	33 – 438 m	28	ASR

1.2 DATA ACQUISITION

The survey began at 21:45 *hrs* on December 9, 2012 and was finished at 23:26 *hrs* on the same day.

The source used for the velocity survey was Atlas H-Rack Gun. The array was positioned 46 m. from the wellhead at an azimuth of 222 degrees. The gun array was submerged at a depth of 2.1 m. below MSL. A reference hydrophone was positioned 1.5 m from the gun source array. The reference hydrophone was used for the time break correction and to monitor the source signature.

A 4-level, 3-component Avalon Sciences Ltd. ASR downhole receiver tool was used to record the survey. The inter-tool spacing was 15 m.

At the start of the survey, the wireline depth sensor was zeroed at the KB elevation and the tool was lowered down the well. As the tool was lowered down the well, it was stopped at a number of depths to check the equipment performance and depth control before reaching TD. The tool was stopped at 93 and 273 m KB going down the well until reaching a maximum depth of 438 m KB. Velocity survey recording then proceeded as the geophone was raised to the shallowest station depth of 33 m KB.

Data was gathered at 28 downhole receiver stations. There were a total of 109 files acquired during the survey. Correlated data was recorded for 6 seconds using a one millisecond sampling rate.

The velocity survey configuration is shown on Figure 2. Enclosure 1 contains the Field Engineer's report for the survey.

The source information is listed in table 2.

Table 2: Source information

Survey Type	Distance from Wellhead	Azimuth from North	Source Elevation from Sea Level	Source Depth Below GL
VS	46 m	222°	103.18 ft	2.1 m

For depth correlation, a gamma-ray wireline tool was placed at the top of the array tool to check on the geophone depth locations. As the receiver descends into the borehole, measurements are taken periodically using the gamma ray tool. Readings from the original wireline gamma ray and the receiver gamma ray are correlated. If a difference between the two gamma ray readings is found, the geophone tool depth is corrected to the original gamma-ray log depth. This ensures that the borehole seismic data will depth tie the wireline logs.

1.3 DATA PROCESSING

1.3.1- Edit and Stack Raw Data

The three component digital data were reformatted and displayed. To determine the true digital start time, the true reference signal traces were examined and their onset times were picked. Each downhole geophone trace was subsequently shifted by the first break arrival time of its corresponding true reference trace. These arrival times were then corrected by 1 ms to compensate for the instrument delay. Each downhole geophone trace was subsequently shifted by the first break time value of the corresponding reference hydrophone trace. This shift will reference the downhole geophone traces to the depth of the source.

The downhole geophone traces for each depth level were edited as necessary and then stacked using a median summation algorithm. First break times were picked for each stacked trace. *Enclosure 3* displays the stacked raw data (3-component) for the velocity survey.

The vertical component was used for velocity analysis.

The accuracy of the depth sensor was checked by comparing the first-break times of the same levels occupied during the down and up runs of the tool and between runs. The time agreement was found to be acceptable. For consistency, the data occupied during the down trip of the tool was not used in any of the computations.

1.3.2- Velocity Survey Computations

The observed first break times at each depth were converted to vertical times and then referenced to the seismic reference datum (SRD) of ground level using a correction velocity of 1,500 m/sec. These time-depth pairs were then used as the input data for the velocity survey computations. The computed average, RMS, and interval velocities are listed in Section 2 and displayed in *Enclosure 2*. The geophone levels not used in the computations are denoted on the time / depth listing by an asterisk and on the display by a small red box on the average/interval velocity track.

1.4 ACQUISITION PARAMETERS

Client:	**Investcan Energy**
Well:	**Gobineau#1**
Location:	**Western Newfoundland, Canada**
Survey Type:	Velocity Survey
Date Survey Completed:	9 December, 2012
Wireline Contractor:	Baker Hughes
Casing:	244.5 mm from 0 to 162 m MDKB
	177.8 mm from 0 to 214 m MDKB
Total Depth:	438 m MDKB

Elevations:

Kelly Bushing Elevation:	107.48 m above sea level
Ground Elevation at Wellhead:	103.18 m above mean sea level
Seismic Datum:	Ground level

Recording System:

Type:	VSProwess
Format:	RCD
Record Length:	6 seconds
Sample Rate:	1 msec

Geophone

Geophone Type:	3-component, 4-levels ASR
Total Number of Levels Occupied:	28 levels
Shallowest Geophone Level:	33 m (K.B.)
Deepest Geophone Level:	438 m (K.B.)

Quality of Geophone Breaks: Fair to good

Source:

Type:	Atlas H-Rack Airgun array

Source Elevation:	Ground level (103.18 m)
Source Depth:	2.1 m below ground elevation
Source Location:	46 m from wellhead with azimuth 222°N

Personnel:

Seismic Observer:	Lloyd Hicks
Client Representative:	Roland Strickland

2 VELOCITY SURVEY COMPUTATIONS

2.1 VELOCITY SURVEY

CLIENT	INVESTCAN ENERGY
WELL	GOBINEAU#1
AREA	WESTERN NEWFOUNDLAND, CANADA
CONTRACTOR	BAKER HUGHES
SURVEY DATE	9 DEC 2012
SURVEY UNITS	M
RCVR REF. ELEVATION	107.48 M ABOVE SEA LEVEL
DATUM ELEVATION	103.18 M ABOVE SEA LEVEL
KB ELEVATION	107.48 M ABOVE SEA LEVEL
WELL GROUND ELEVATION	103.18 M ABOVE SEA LEVEL
DATUM CORRECT. VELOCITY	1500.00 M/SEC
SOURCE TYPE	AIR GUN
GEOPHONE TYPE	GEOCHAIN
SAMPLE RATE	1.00 MSEC
WELL CASING	244.5 mm FROM 0 TO 162 m
	177.8 mm FROM 0 TO 214 m

INVESTCAN ENERGY
WELL GOBINEAU#1

2.2 SOURCE / RECEIVER GEOMETRY TABLE

RECEIVER REFERENCE ELEVATION = 107.48 M ABOVE SEA LEVEL
SOURCE / RECEIVER COORDINATES ARE REFERENCED TO WELLHEAD
SOURCE / RECEIVER (S-R) OFFSET IS PLAN VIEW

---------- RECEIVER ----------				--------- SOURCE ----------				OFFSET
MEASURED DEPTH (DGM) (M)	VERT. DEPTH (M)	X COORD. (M)	Y COORD. (M)	ELEV (ES) (M)	DEPTH (DS) (M)	X COORD. (M)	Y COORD. (M)	(S-R) (M)
33.0	33.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
48.0	48.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
63.0	63.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
78.0	78.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
93.0	93.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
108.0	108.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
123.0	123.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
138.0	138.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
153.0	153.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
168.0	168.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
183.0	183.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
198.0	198.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
213.0	213.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
228.0	228.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
243.0	243.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
258.0	258.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
273.0	273.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
288.0	288.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
303.0	303.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
318.0	318.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
333.0	333.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
348.0	348.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
363.0	363.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
378.0	378.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
393.0	393.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
408.0	408.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
423.0	423.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0
438.0	438.0	-0.0	-0.0	103.2	2.1	-30.8	-34.1	46.0

INVESTCAN ENERGY
WELL GOBINEAU#1

2.3 TIME / DEPTH INFORMATION TABLE

ALL TIMES ARE ONE-WAY TIMES
* = NOT USED IN VELOCITY COMPUTATIONS

DATUM ELEVATION 103.18 M ABOVE SEA LEVEL
DATUM CORRECT. VELOCITY 1500.00 M /SEC

MEASURED GEOPHONE DEPTH (DGM)	RAW TIME PICK	SRC-REC DIST. PLAN-VIEW (SRC_REC)	COS(I)	TIME CORRECTION COS	DATUM	VERTICAL TIME (TGD)
(M)	(MS)	(M)		(MS)	(MS)	(MS)
33.0	32.6	46.0	0.501	-16.2	1.4	17.7
48.0	34.8	46.0	0.671	-11.5	1.4	24.8
63.0	36.7	46.0	0.776	-8.2	1.4	29.9
78.0	38.6	46.0	0.842	-6.1	1.4	33.8
93.0	41.0	46.0	0.883	-4.8	1.4	37.6
108.0	43.8	46.0	0.911	-3.9	1.4	41.3
123.0	46.1	46.0	0.930	-3.2	1.4	44.3
138.0	47.9	46.0	0.944	-2.7	1.4	46.6
153.0	49.7	46.0	0.954	-2.3	1.4	48.8
168.0	52.2	46.0	0.962	-2.0	1.4	51.6
183.0	54.8	46.0	0.968	-1.8	1.4	54.4
198.0	57.1	46.0	0.972	-1.6	1.4	56.9
213.0	59.5	46.0	0.976	-1.4	1.4	59.4
228.0	62.3	46.0	0.979	-1.3	1.4	62.4
243.0	65.5	46.0	0.982	-1.2	1.4	65.7
258.0	68.7	46.0	0.984	-1.1	1.4	68.9
273.0	72.2	46.0	0.985	-1.0	1.4	72.5
288.0	75.6	46.0	0.987	-1.0	1.4	76.0
303.0	79.1	46.0	0.988	-0.9	1.4	79.6
318.0	82.1	46.0	0.989	-0.9	1.4	82.6
333.0	85.5	46.0	0.990	-0.8	1.4	86.1
348.0	89.4	46.0	0.991	-0.8	1.4	90.0
363.0	93.4	46.0	0.992	-0.8	1.4	94.1
378.0	97.3	46.0	0.992	-0.7	1.4	97.9
393.0	102.0	46.0	0.993	-0.7	1.4	102.7
408.0	105.7	46.0	0.994	-0.7	1.4	106.4
423.0	109.6	46.0	0.994	-0.7	1.4	110.3
438.0	113.3	46.0	0.994	-0.6	1.4	114.1

INVESTCAN ENERGY
WELL GOBINEAU#1

2.4 VELOCITY TABLE

RECEIVER REFERENCE ELEVATION = 107.48 M ABOVE SEA LEVEL

DATUM ELEVATION 103.18 M ABOVE SEA LEVEL
DATUM CORRECT. VELOCITY 1500.00 M /SEC

MEASURED GEOPHONE DEPTH (DGM) (M)	DEPTH CORR. TO DATUM (DGD) (M)	TIME CORR. TO DATUM (TGD) (MS)	AVERAGE VELOCITY (M /SEC)	RMS VELOCITY (M /SEC)	INTERVAL DEPTH (DELDGD) (M)	INTERVAL TIME (DELDGT) (MS)	INTERVAL VELOCITY (M /SEC)
					28.7	17.7	1620.4
33.0	28.7	17.7	1620.4	1620.4	15.0	7.1	2125.3
48.0	43.7	24.8	1764.3	1779.0	15.0	5.1	2939.4
63.0	58.7	29.9	1965.0	2024.9	15.0	4.0	3774.5
78.0	73.7	33.8	2177.5	2300.3	15.0	3.8	3991.8
93.0	88.7	37.6	2358.8	2520.9	15.0	3.7	4078.3
108.0	103.7	41.3	2512.0	2696.4	15.0	3.0	4989.6
123.0	118.7	44.3	2680.2	2909.8	15.0	2.3	6519.6
138.0	133.7	46.6	2869.8	3185.6	15.0	2.2	6668.5
153.0	148.7	48.8	3044.7	3424.7	15.0	2.8	5436.5
168.0	163.7	51.6	3172.6	3561.2	15.0	2.8	5356.1
183.0	178.7	54.4	3285.1	3675.1	15.0	2.5	5974.0
198.0	193.7	56.9	3403.7	3805.9	15.0	2.5	5923.6
213.0	208.7	59.4	3511.0	3919.5	15.0	3.0	5056.5
228.0	223.7	62.4	3584.5	3980.9	15.0	3.3	4546.3
243.0	238.7	65.7	3632.8	4011.2	15.0	3.2	4634.7
258.0	253.7	68.9	3679.8	4042.6	15.0	3.6	4164.9
273.0	268.7	72.5	3703.9	4048.8			

					15.0	3.5	4323.5
288.0	283.7	76.0	3732.2	4061.7			
					15.0	3.6	4209.4
303.0	298.7	79.6	3753.6	4068.4			
					15.0	3.1	4912.9
318.0	313.7	82.6	3796.4	4102.7			
					15.0	3.5	4321.2
333.0	328.7	86.1	3817.6	4111.8			
					15.0	3.9	3839.4
348.0	343.7	90.0	3818.5	4100.3			
					15.0	4.1	3698.5
363.0	358.7	94.1	3813.3	4083.8			
MEASURED GEOPHONE DEPTH	DEPTH CORR. TO DATUM	TIME CORR. TO DATUM	AVERAGE VELOCITY	RMS VELOCITY	INTERVAL DEPTH	INTERVAL TIME	INTERVAL VELOCITY
(DGM)	(DGD)	(TGD)			(DELDGD)	(DELDGT)	
(M)	(M)	(MS)	(M /SEC)	(M /SEC)	(M)	(MS)	(M /SEC)
					15.0	3.9	3895.4
378.0	373.7	97.9	3816.6	4076.6			
					15.0	4.8	3124.2
393.0	388.7	102.7	3784.2	4037.1			
					15.0	3.7	4059.9
408.0	403.7	106.4	3793.8	4037.9			
					15.0	3.9	3850.7
423.0	418.7	110.3	3795.8	4031.4			
					15.0	3.8	3955.4
438.0	433.7	114.1	3801.1	4028.9			

3. INTERPOLATED TABLES

WELL GOBINEAU#1
DATUM ELEVATION 103.18 M ABOVE SEA LEVEL
DATUM CORRECT. VELOCITY 1500.00 M /SEC

3.1 DATA INTERPOLATED EVERY 10.00 M BELOW DATUM

DATUM	TIME		VELOCITY		
DEPTH (DGD)	1 WAY (TGD)	2 WAY	AVERAGE	INTERVAL	RMS
10.0	6.2	12.3	1620.4	1620.4	1620.4
20.0	12.3	24.7	1620.4	1620.4	1620.4
30.0	18.3	36.6	1637.3	1672.1	1637.5
40.0	23.0	46.1	1737.0	2125.3	1748.3
50.0	26.9	53.8	1857.9	2574.5	1889.9
60.0	30.2	60.4	1985.7	3026.5	2045.2
70.0	32.9	65.7	2129.9	3774.5	2234.8
80.0	35.4	70.8	2258.3	3908.5	2395.2
90.0	37.9	75.8	2373.3	4002.8	2532.7
100.0	40.4	80.7	2476.8	4078.3	2652.4
110.0	42.5	85.1	2585.5	4608.6	2785.6
120.0	44.5	89.0	2697.4	5146.6	2928.7
130.0	46.0	92.0	2824.8	6519.6	3115.8
140.0	47.5	95.1	2945.3	6612.7	3284.9
150.0	49.1	98.2	3056.4	6477.7	3430.9
160.0	50.9	101.8	3142.4	5436.5	3523.3
170.0	52.8	105.5	3221.3	5385.5	3605.2
180.0	54.6	109.2	3295.8	5429.1	3681.4
190.0	56.3	112.6	3375.4	5974.0	3769.8
200.0	58.0	115.9	3449.9	5942.1	3850.1
210.0	59.7	119.4	3517.7	5794.4	3919.9
220.0	61.7	123.4	3567.0	5056.5	3961.4
230.0	63.8	127.6	3605.4	4722.6	3989.0
240.0	66.0	132.0	3637.1	4557.6	4009.2
250.0	68.1	136.3	3668.6	4634.7	4030.5
260.0	70.5	140.9	3690.2	4327.2	4040.6
270.0	72.8	145.7	3706.5	4184.9	4045.4
280.0	75.2	150.3	3725.5	4323.5	4054.2
290.0	77.5	155.0	3741.4	4250.9	4060.4
300.0	79.8	159.7	3757.4	4289.2	4067.2
310.0	81.9	163.8	3786.1	4912.9	4090.4
320.0	84.1	168.2	3805.5	4522.8	4102.3
330.0	86.4	172.9	3817.6	4251.9	4106.5
340.0	89.0	178.1	3818.3	3839.4	4098.9
350.0	91.7	183.4	3816.3	3749.4	4089.1
360.0	94.4	188.8	3813.6	3722.9	4079.2
370.0	97.0	193.9	3815.8	3895.4	4074.4
380.0	99.9	199.9	3802.6	3371.2	4055.3
390.0	103.0	206.1	3785.1	3220.7	4032.7

400.0	105.5	211.0	3791.5	4059.9	4033.3
410.0	108.0	216.1	3794.6	3925.5	4030.8
420.0	110.6	221.3	3796.3	3864.0	4027.0
430.0	113.2	226.3	3799.8	3955.5	4025.4

INVESTCAN ENERGY
WELL GOBINEAU#1

DATUM ELEVATION 103.18 M ABOVE SEA LEVEL
DATUM CORRECT. VELOCITY 1500.00 M /SEC

3.2 DATA INTERPOLATED EVERY 2.00 MS BELOW DATUM

TIME		DATUM	VELOCITY		
2 WAY	1 WAY (TGD)	DEPTH (DGD)	AVERAGE	INTERVAL	RMS
2.0	1.0	1.6	1620.4	1620.4	1620.4
4.0	2.0	3.2	1620.4	1620.4	1620.4
6.0	3.0	4.9	1620.4	1620.4	1620.4
8.0	4.0	6.5	1620.4	1620.4	1620.4
10.0	5.0	8.1	1620.4	1620.4	1620.4
12.0	6.0	9.7	1620.4	1620.4	1620.4
14.0	7.0	11.3	1620.4	1620.4	1620.4
16.0	8.0	13.0	1620.4	1620.4	1620.4
18.0	9.0	14.6	1620.4	1620.4	1620.4
20.0	10.0	16.2	1620.4	1620.4	1620.4
22.0	11.0	17.8	1620.4	1620.4	1620.4
24.0	12.0	19.4	1620.4	1620.4	1620.4
26.0	13.0	21.1	1620.4	1620.4	1620.4
28.0	14.0	22.7	1620.4	1620.4	1620.4
30.0	15.0	24.3	1620.4	1620.4	1620.4
32.0	16.0	25.9	1620.4	1620.4	1620.4
34.0	17.0	27.5	1620.4	1620.4	1620.4
36.0	18.0	29.3	1628.5	1766.2	1628.9
38.0	19.0	31.4	1654.7	2125.3	1658.7
40.0	20.0	33.6	1678.2	2125.3	1685.1
42.0	21.0	35.7	1699.5	2125.3	1708.7
44.0	22.0	37.8	1718.9	2125.3	1729.8
46.0	23.0	39.9	1736.5	2125.3	1748.8
48.0	24.0	42.1	1752.7	2125.3	1766.1
50.0	25.0	44.4	1775.2	2313.4	1791.2
52.0	26.0	47.3	1819.9	2939.4	1848.6
54.0	27.0	50.3	1861.4	2939.4	1900.2
56.0	28.0	53.2	1899.9	2939.4	1946.9
58.0	29.0	56.1	1935.7	2939.4	1989.4
60.0	30.0	59.2	1972.8	3046.3	2033.5
62.0	31.0	63.0	2030.9	3774.5	2112.2
64.0	32.0	66.7	2085.4	3774.5	2183.4
66.0	33.0	70.5	2136.6	3774.5	2248.2
68.0	34.0	74.3	2185.7	3807.9	2309.1
70.0	35.0	78.3	2237.3	3991.8	2373.8
72.0	36.0	82.3	2286.1	3991.8	2433.3
74.0	37.0	86.3	2332.2	3991.8	2488.3
76.0	38.0	90.3	2376.7	4026.0	2540.7
78.0	39.0	94.4	2420.4	4078.3	2591.6
80.0	40.0	98.5	2461.8	4078.3	2639.0

82.0	41.0	102.6	2501.2	4078.3	2683.3
84.0	42.0	107.3	2554.4	4732.8	2749.9
86.0	43.0	112.3	2611.0	4989.6	2822.2
88.0	44.0	117.3	2665.1	4989.6	2889.6
90.0	45.0	123.3	2740.9	6078.9	2997.6
92.0	46.0	129.9	2823.1	6519.6	3116.8
94.0	47.0	136.4	2903.0	6580.9	3229.4
96.0	48.0	143.1	2981.5	6668.5	3337.4
98.0	49.0	149.6	3052.6	6469.2	3430.0
100.0	50.0	155.0	3100.3	5436.5	3481.5
102.0	51.0	160.5	3146.1	5436.5	3530.2
104.0	52.0	165.9	3189.6	5404.1	3575.5
------ TIME ------		DATUM	--------- VELOCITY ----------		
2 WAY	1 WAY (TGD)	DEPTH (DGD)	AVERAGE	INTERVAL	RMS
106.0	53.0	171.2	3230.4	5356.1	3617.3
108.0	54.0	176.6	3269.8	5356.1	3657.0
110.0	55.0	182.3	3314.5	5728.1	3705.0
112.0	56.0	188.3	3362.0	5974.0	3757.5
114.0	57.0	194.2	3407.7	5969.4	3807.4
116.0	58.0	200.2	3451.1	5923.6	3853.8
118.0	59.0	206.1	3493.0	5923.6	3898.0
120.0	60.0	211.5	3525.4	5438.9	3928.7
122.0	61.0	216.6	3550.5	5056.5	3949.7
124.0	62.0	221.6	3574.8	5056.5	3970.0
126.0	63.0	226.4	3593.5	4754.2	3983.7
128.0	64.0	230.9	3608.4	4546.3	3993.1
130.0	65.0	235.5	3622.9	4546.3	4002.2
132.0	66.0	240.1	3637.2	4572.2	4011.4
134.0	67.0	244.7	3652.1	4634.7	4021.4
136.0	68.0	249.3	3666.6	4634.7	4031.1
138.0	69.0	253.9	3680.2	4608.1	4040.1
140.0	70.0	258.1	3687.2	4164.9	4041.9
142.0	71.0	262.3	3693.9	4164.9	4043.7
144.0	72.0	266.4	3700.4	4164.9	4045.4
146.0	73.0	270.7	3707.8	4237.1	4048.1
148.0	74.0	275.0	3716.1	4323.5	4051.9
150.0	75.0	279.3	3724.2	4323.5	4055.6
152.0	76.0	283.6	3732.1	4323.5	4059.3
154.0	77.0	287.8	3738.3	4211.0	4061.3
156.0	78.0	292.1	3744.3	4209.4	4063.2
158.0	79.0	296.3	3750.2	4209.4	4065.1
160.0	80.0	300.8	3759.7	4506.4	4070.9
162.0	81.0	305.7	3773.9	4912.8	4082.4
164.0	82.0	310.6	3787.8	4912.9	4093.5
166.0	83.0	315.3	3798.7	4694.5	4101.3
168.0	84.0	319.6	3805.0	4321.3	4104.0
170.0	85.0	323.9	3811.0	4321.3	4106.6
172.0	86.0	328.3	3817.0	4321.2	4109.1
174.0	87.0	332.1	3817.8	3888.6	4106.7
176.0	88.0	336.0	3818.0	3839.4	4103.7

178.0	89.0	339.8	3818.3	3839.4	4100.9
180.0	90.0	343.7	3818.5	3839.4	4098.1
182.0	91.0	347.4	3817.2	3699.7	4093.9
184.0	92.0	351.1	3815.9	3698.5	4089.8
186.0	93.0	354.8	3814.6	3698.5	4085.8
188.0	94.0	358.5	3813.4	3698.5	4081.9
190.0	95.0	362.3	3814.1	3882.6	4079.8
192.0	96.0	366.2	3815.0	3895.4	4077.9
194.0	97.0	370.1	3815.8	3895.4	4076.1
196.0	98.0	374.0	3816.0	3830.2	4073.7
198.0	99.0	377.1	3809.0	3124.2	4065.2
200.0	100.0	380.2	3802.1	3124.2	4056.8
202.0	101.0	383.3	3795.4	3124.2	4048.7
204.0	102.0	386.5	3788.8	3124.2	4040.6
206.0	103.0	389.9	3785.0	3389.3	4034.8
208.0	104.0	393.9	3787.6	4060.0	4035.1
210.0	105.0	398.0	3790.2	4059.9	4035.3
212.0	106.0	402.0	3792.7	4059.9	4035.5
214.0	107.0	406.0	3794.1	3936.8	4034.6
216.0	108.0	409.8	3794.6	3850.7	4032.9
218.0	109.0	413.7	3795.1	3850.7	4031.3
220.0	110.0	417.5	3795.6	3850.7	4029.7
222.0	111.0	421.4	3796.8	3923.3	4028.8
224.0	112.0	425.4	3798.2	3955.4	4028.1
------ TIME ------		DATUM	--------- VELOCITY ----------		
2 WAY	1 WAY (TGD)	DEPTH (DGD)	AVERAGE	INTERVAL	RMS
226.0	113.0	429.4	3799.6	3955.4	4027.5
228.0	114.0	433.3	3801.0	3955.4	4026.8

INVESTCAN ENERGY
WELL GOBINEAU#1

3.3 TIME/DEPTH INFORMATION

GEOPHONE REFERENCE ELEVATION 107.48 M ABOVE SEA LEVEL
DATUM ELEVATION 103.18 M ABOVE SEA LEVEL
DATUM CORRECT. VELOCITY 1500.00 M /SEC

ALL TIMES ARE TWO-WAY TIMES CORRECTED TO DATUM
INTERPOLATED EVERY 1.00 MS

TIME	0	1	2	3	4	5	6	7	8	9
0		1	2	2	3	4	5	6	6	7
10	8	9	10	11	11	12	13	14	15	15
20	16	17	18	19	19	20	21	22	23	23
30	24	25	26	27	28	28	29	30	31	33
40	34	35	36	37	38	39	40	41	42	43
50	44	46	47	49	50	52	53	55	56	58
60	59	61	63	65	67	69	71	72	74	76
70	78	80	82	84	86	88	90	92	94	96
80	98	101	103	105	107	110	112	115	117	120
90	123	127	130	133	136	140	143	146	150	152
100	155	158	160	163	166	169	171	174	177	179
110	182	185	188	191	194	197	200	203	206	209
120	212	214	217	219	222	224	226	229	231	233
130	235	238	240	242	245	247	249	252	254	256
140	258	260	262	264	266	269	271	273	275	277
150	279	281	284	286	288	290	292	294	296	298
160	301	303	306	308	311	313	315	317	320	322
170	324	326	328	330	332	334	336	338	340	342
180	344	346	347	349	351	353	355	357	358	360
190	362	364	366	368	370	372	374	376	377	379
200	380	382	383	385	386	388	390	392	394	396
210	398	400	402	404	406	408	410	412	414	416
220	418	419	421	423	425	427	429	431	433	

INVESTCAN ENERGY
WELL GOBINEAU#1

3.4 DEPTH/TIME INFORMATION

GEOPHONE REFERENCE ELEVATION 107.48 M ABOVE SEA LEVEL
DATUM ELEVATION 103.18 M ABOVE SEA LEVEL
DATUM CORRECT. VELOCITY 1500.00 M /SEC

ALL TIMES ARE TWO-WAY TIMES CORRECTED TO DATUM
INTERPOLATED EVERY 10.00 M

DEPTH	0	10	20	30	40	50	60	70	80	90
0		12	25	37	46	54	60	66	71	76
100	81	85	89	92	95	98	102	106	109	113
200	116	119	123	128	132	136	141	146	150	155
300	160	164	168	173	178	183	189	194	200	206
400	211	216	221	226						

INVESTCAN ENERGY
WELL GOBINEAU#1

3.5 TIME / DEPTH INFORMATION TABLE

DATUM ELEVATION 103.18 M ABOVE SEA LEVEL
DATUM CORRECT. VELOCITY 1500.00 M /SEC

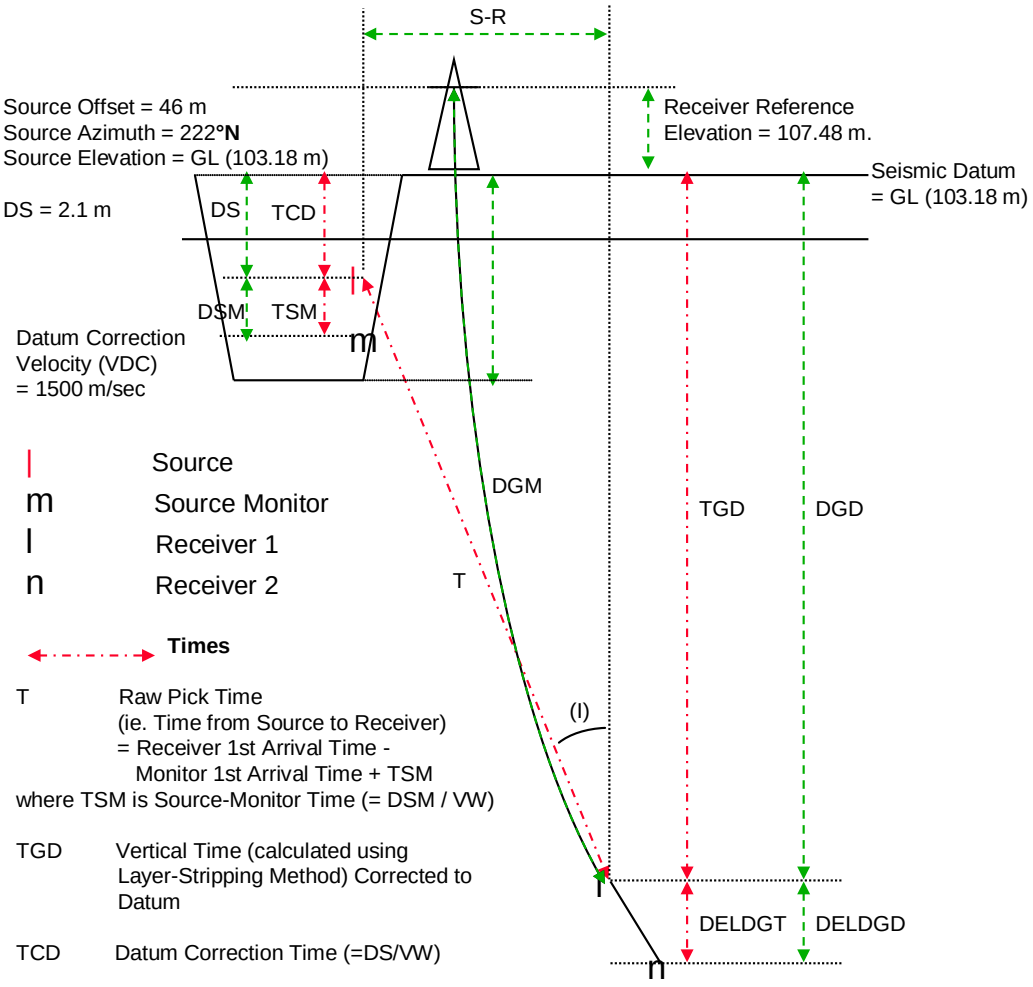
* = NOT USED IN VELOCITY COMPUTATIONS

MEASURED GEOPHONE DEPTH (M)	VERTICAL GEOPHONE DEPTH (M)	DATUM GEOPHONE DEPTH (M)	RAW PICK TIME (MS)	1-WAY VERTICAL TIME (MS)	2-WAY VERTICAL TIME (MS)
33.0	33.0	28.7	32.56	17.71	35.42
48.0	48.0	43.7	34.82	24.77	49.54
63.0	63.0	58.7	36.67	29.87	59.74
78.0	78.0	73.7	38.55	33.85	67.69
93.0	93.0	88.7	40.98	37.60	75.21
108.0	108.0	103.7	43.77	41.28	82.56
123.0	123.0	118.7	46.10	44.29	88.58
138.0	138.0	133.7	47.86	46.59	93.18
153.0	153.0	148.7	49.71	48.84	97.68
168.0	168.0	163.7	52.19	51.60	103.19
183.0	183.0	178.7	54.76	54.40	108.80
198.0	198.0	193.7	57.08	56.91	113.82
213.0	213.0	208.7	59.46	59.44	118.88
228.0	228.0	223.7	62.31	62.41	124.82
243.0	243.0	238.7	65.51	65.71	131.41
258.0	258.0	253.7	68.66	68.94	137.89
273.0	273.0	268.7	72.19	72.54	145.09
288.0	288.0	283.7	75.60	76.01	152.03
303.0	303.0	298.7	79.11	79.58	159.16
318.0	318.0	313.7	82.11	82.63	165.26
333.0	333.0	328.7	85.54	86.10	172.20
348.0	348.0	343.7	89.41	90.01	180.02
363.0	363.0	358.7	93.43	94.06	188.13
378.0	378.0	373.7	97.25	97.92	195.83
393.0	393.0	388.7	102.03	102.72	205.43
408.0	408.0	403.7	105.70	106.41	212.82
423.0	423.0	418.7	109.57	110.31	220.61
438.0	438.0	433.7	113.34	114.10	228.20

4. FIGURES

Figure 1 Onshore Acquisition Parameters

Client: Investcan Energy
Well: Gobineau #1



|	Source
m	Source Monitor
l	Receiver 1
n	Receiver 2

Times

T — Raw Pick Time (ie. Time from Source to Receiver) = Receiver 1st Arrival Time - Monitor 1st Arrival Time + TSM
where TSM is Source-Monitor Time (= DSM / VW)

TGD — Vertical Time (calculated using Layer-Stripping Method) Corrected to Datum

TCD — Datum Correction Time (=DS/VW)

DELDGT — Difference in TGD between Receivers

Distances

DSM — Distance of Source Monitor from Source
DS — Depth of Source Referenced to Ground Elevation
S-R — Source-Receiver Offset (SRC_REC)
DGM — Measured Depth of Receiver below Reference
DGD — True Vertical Depth of Receiver below Datum
DELDGD — Difference in DGD between Receivers

Velocity

VDC — Datum Correction Velocity

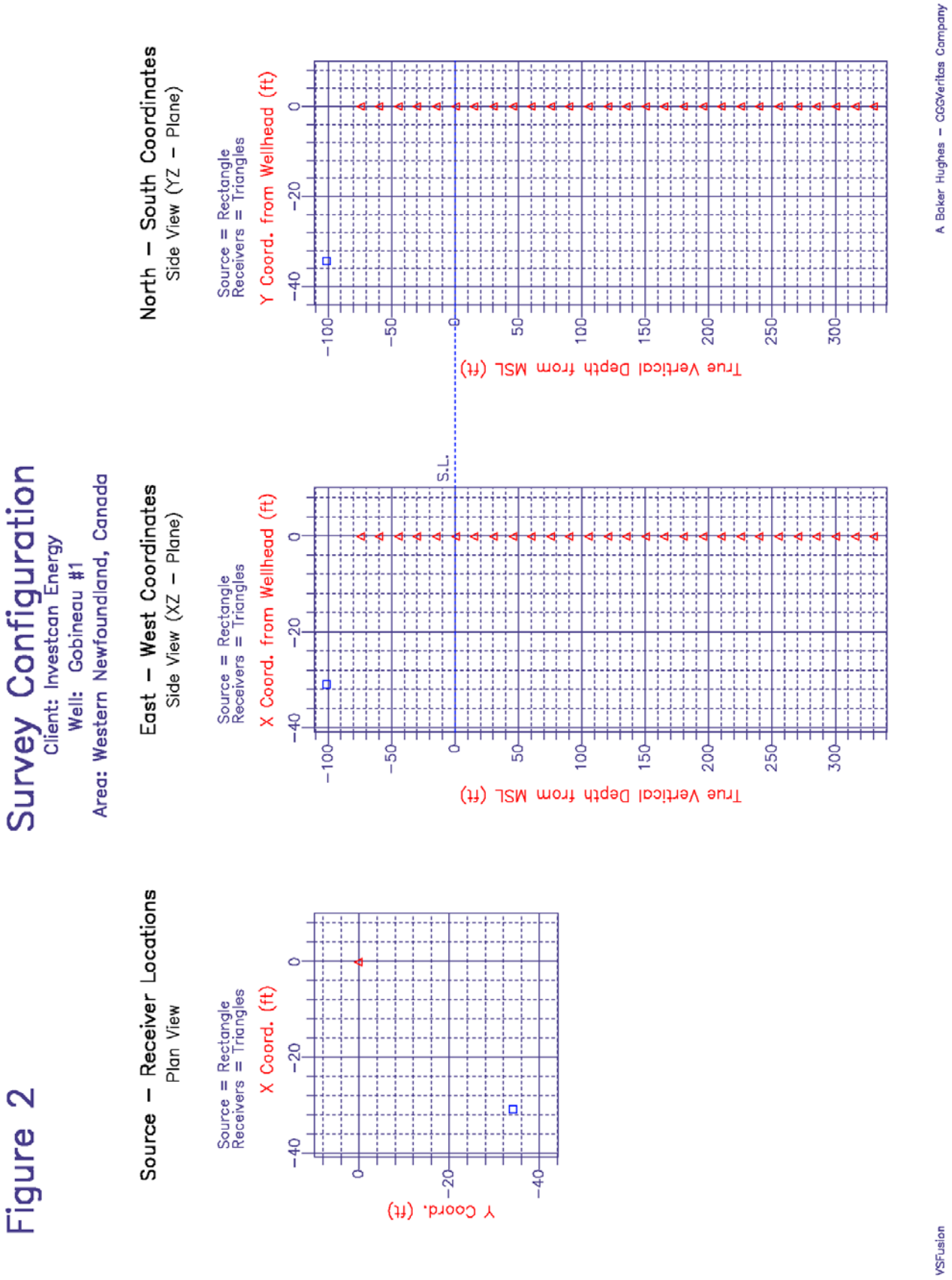


Figure 2
Survey Configuration
Client: Investcan Energy
Well: Gobineau #1
Area: Western Newfoundland, Canada
Source – Receiver Locations
Plan View
Source = Rectangle
Receivers = Triangles
X Coord. (ft)
Y Coord. (ft)
East – West Coordinates
Side View (XZ – Plane)
X Coord. from Wellhead (ft)
True Vertical Depth from MSL (ft)
S.L.
North – South Coordinates
Side View (YZ – Plane)
Y Coord. from Wellhead (ft)
A Baker Hughes – CGGVeritas Company
VSFusion

APPENDIX O : LIST OF ACRONYMS

Number of page : *1*

Summary of the content: This appendix presents a list of acronyms used for Gobineau#1 Final Well Report.

ADW	Authority to Drill a Well
BOP	Blow Out Preventer
COND	Condensate
d	Day
daN	Decanewton
ft	Foot
GR	Gamma Ray
h	Hour
IF	Inside Face
KB	Kelly Bushing
kg	Kilogram
km	Kilometre
kPa	Kilopascals
lbf	Pound Force
LCM	Lost Circulation Material
m	Metre
min	Minute
mKB	Meters Below Kelly Bushing
mm	Millimetre
mW	Megawatt
OD	Outside Diameter
ROP	Rate of Penetration
RPM	Revolutions per Minute
TD	Total Depth
TVD	True Vertical Depth
VSP	Vertical Seismic Profile
XO	Cross-over