

DEER LAKE ET AL WA-1

WA-1

DST #1



Drill Stem Test Report

Prepared for: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Well Name: DEER LAKE ET AL WA-1
Location: WA-1

Test Date: 08/06/2000

Job Ticket #: D2-09851 DST#: 1



rill Stem Testing Report

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-09851
Test Date: 08/06/2000 1700hrs

Well Name: DEER LAKE ET AL WA-1
Location: WA-1

Contact: STAN PODULSKY

General Information:

Test Type: CONV. BOTTOM HOLE	Tester: C. PETERSON
Interval: 840.00m - 872.00m	Truck No.: □Y□
Formation: NORTH BROOK	Contractor: LOGAN DRILLING
KB Elevation: 92.50m	Rig No.: 50 LI
Ground Elevation: 90.00m	Hole Diameter: 96mm
Total Depth: 872.00m	Hole Condition: GOOD
Test Mode: Fluid	Bottom Hole Temperature: 22.90 C

Electronic Recorder Information:

OUTSIDE Recorder #: 497	FLUID Recorder #: 490
Range: 70000 kPag	Range: 35000 kPag
Depth: 871.69 m	Depth: 834.63 m

Flag Points:	Time:	Pressure:
A Initial Hydrostatic	0.00	8922.6
B Start of 1st Flow	0.00	1142.4
C End of 1st Flow	2.00	1142.4
D End of 1st Shutin	92.00	6959.6
E Start of 2nd Flow	0.00	1211.8
F End of 2nd Flow	76.00	1552.1
G End of 2nd Shutin	100.00	6202.6
Q Final Hydrostatic	0.00	8755.9

Test Run Information:

Start Time: 1700hrs
Reached Test Depth: 752hrs
Pull Out Time: 1232hrs
Tool Out Of Hole: 1530hrs

Weight set on Packers: 2.00daN
Weight to free Packers: 10.00daN
Initial String Weight: 9.00daN
Unseated String Weight: 9.00daN

Tool Chased Dist: 0.00m
Mud Type: POLYMER
Mud Weight: 1044.00kg/m³
Amount of fill: 0.00m
Amt of cushion: 0.00
Type of cushion:

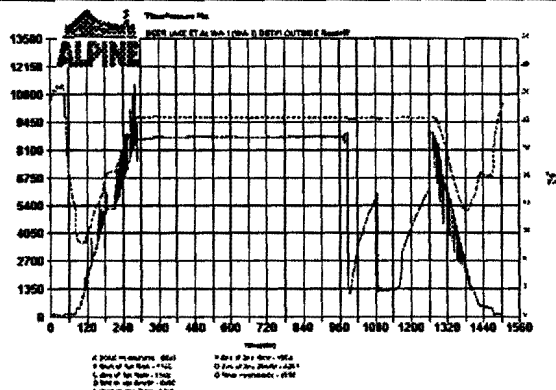
Water Loss: 20.00cm³
Mud Drop: NO
VIS: 35.00S/L
Filter Cake: 1.00mm
Pump Time: 25min
Reversed Out: NO

General Remarks:

Mechanically successful. *Test results suggest low permeability within the zone tested.

PREFLOW: Fair air blow throughout.

FINAL FLOW: Fair air blow decreasing to dead in 30 minutes. Remaining dead throughout remainder of flow.



Recovery Description:

Total fluid recovery was 108 meters condensate flecked drilling fluid.

No gas to surface.

Gas Bomb: 0 Sampler: 0
Fluid Sample: 3 Sent to: CORE LAB



Drill Stem Testing - Tool Diagram / Description

Company: DEER LAKE OIL & GAS
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Well Name: DEER LAKE ET AL WA-1
Location: WA-1

Conventional Bottomhole

Drill Collar Stands:	0
Drill Collar Singles:	0
Drill Pipe Stands:	93
Drill Pipe Singles:	1
Heavy Wt. Pipe Stands:	0
Heavy Wt. Pipe Singles:	0
Total Drill Collars/Pipe and Tools:	847.75m
Total Drill Pipe Above K.B.:	7.75m
Total Depth:	872m

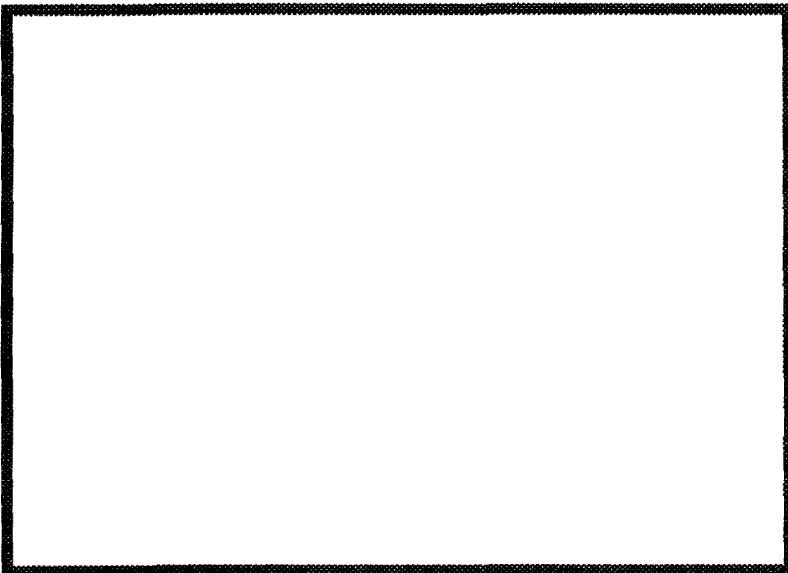
7.11m

Tool / Drill Stem Information:

Tool Weight:	0.50 daN
Drill Collar Inside Diameter:	0.00 mm
Drill Collar Total Length:	0.00 m
Drill Pipe Inside Diameter:	78.00 mm
Drill Pipe Total Length:	840.64 m
Heavy Weight Pipe Diameter:	0.00 mm
Heavy Weight Pipe Length:	0.00 m
Bottom Choke Diameter:	9.59 mm
Number of Packers: 2 Dia.:	82.55 mm

Depth:
840.00m

Tool Remarks:



31.89m

Total Depth: 872.00m

Item	Length
P.O.S.	0.20
XO	0.15
REC 4490	1.39
SHUT IN TOOL	1.34
REC 4441	1.39
PACKER	1.27
PACKER UP	0.82
PACKER DOWN	0.55
PERF	3.00
REC 4498	1.39
X O	0.15
D.C.	27.00
XO/REC 4497	0.15
BULLNOSE	0.20



Drill Stem Testing - Time / Pressure Listing

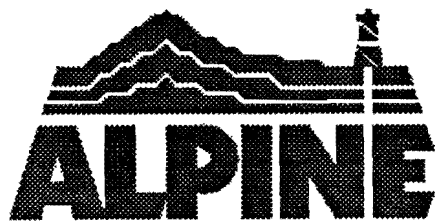
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C/O 225 Scarboro Ave. S.W.
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Job Ticket #: D2-09851 DST#: 1
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Contact: STAN PODULSKY

Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)	Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
A	Initial Hydrostatic	0.00	0.00	8922.60		22.9			34.00	2598.40	3740.80	1.0588	22.8
B	Start of 1st Flow	0.00	0.00	1142.40		22.7			35.00	2626.20	3768.60	1.0571	22.8
		1.00	-3.50	1138.90		22.7			36.00	2660.90	3803.30	1.0556	22.8
C	End of 1st Flow	2.00	0.00	1142.40		22.7			37.00	2696.80	3839.20	1.0541	22.8
		1.00	81.00	1223.40	3.0000	22.7			38.00	2748.80	3891.20	1.0526	22.8
		2.00	182.80	1325.20	2.0000	22.7			39.00	2795.10	3937.50	1.0513	22.8
		3.00	261.60	1404.00	1.6667	22.7			40.00	2822.90	3965.30	1.0500	22.8
		4.00	340.30	1482.70	1.5000	22.7			41.00	2864.60	4007.00	1.0488	22.8
		5.00	406.20	1548.60	1.4000	22.7			42.00	2915.50	4057.90	1.0476	22.8
		6.00	459.50	1601.90	1.3333	22.7			43.00	2966.40	4108.80	1.0465	22.9
		7.00	519.70	1662.10	1.2857	22.6			44.00	3034.70	4177.10	1.0455	22.8
		8.00	679.40	1821.80	1.2500	22.7			45.00	3072.90	4215.30	1.0444	22.8
		9.00	827.50	1969.90	1.2222	22.7			46.00	3110.00	4252.40	1.0435	22.8
		10.00	958.30	2100.70	1.2000	22.7			47.00	3148.20	4290.60	1.0426	22.8
		11.00	1000.00	2142.40	1.1818	22.7			48.00	3204.90	4347.30	1.0417	22.8
		12.00	1049.80	2192.20	1.1667	22.7			49.00	3254.60	4397.00	1.0408	22.8
		13.00	1118.00	2260.40	1.1538	22.7			50.00	3322.90	4465.30	1.0400	22.8
		14.00	1164.30	2306.70	1.1429	22.7			51.00	3362.30	4504.70	1.0392	22.8
		15.00	1261.60	2404.00	1.1333	22.7			52.00	3402.80	4545.20	1.0385	22.8
		16.00	1320.60	2463.00	1.1250	22.7			53.00	3430.60	4573.00	1.0377	22.8
		17.00	1414.30	2556.70	1.1176	22.7			54.00	3471.10	4613.50	1.0370	22.8
		18.00	1581.00	2723.40	1.1111	22.7			55.00	3496.50	4638.90	1.0364	22.8
		19.00	1679.40	2821.80	1.1053	22.7			56.00	3553.30	4695.70	1.0357	22.8
		20.00	1759.30	2901.70	1.1000	22.8			57.00	3592.60	4735.00	1.0351	22.8
		21.00	1914.30	3056.70	1.0952	22.8			58.00	3677.10	4819.50	1.0345	22.8
		22.00	1979.20	3121.60	1.0909	22.8			59.00	3697.90	4840.30	1.0339	22.8
		23.00	2039.40	3181.80	1.0870	22.8			60.00	3725.70	4868.10	1.0333	22.8
		24.00	2112.30	3254.70	1.0833	22.8			61.00	3761.60	4904.00	1.0328	22.8
		25.00	2174.80	3317.20	1.0800	22.8			62.00	3804.40	4946.80	1.0323	22.8
		26.00	2226.90	3369.30	1.0769	22.8			63.00	3848.40	4990.80	1.0317	22.8
		27.00	2272.00	3414.40	1.0741	22.8			64.00	3880.80	5023.20	1.0313	22.8
		28.00	2349.50	3491.90	1.0714	22.8			65.00	3902.80	5045.20	1.0308	22.8
		29.00	2408.60	3551.00	1.0690	22.8			66.00	3954.90	5097.30	1.0303	22.8
		30.00	2447.90	3590.30	1.0667	22.8			67.00	3986.10	5128.50	1.0299	22.8
		31.00	2489.60	3632.00	1.0645	22.8			68.00	4008.10	5150.50	1.0294	22.8
		32.00	2527.80	3670.20	1.0625	22.8			69.00	4033.60	5176.00	1.0290	22.8
		33.00	2569.40	3711.80	1.0606	22.8			70.00	4054.40	5196.80	1.0286	22.9



Drill Stem Testing - Time / Pressure Listing

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Contact: STAN PODULSKY

Location: WA-1

Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)	Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
		71.00	4084.50	5226.90	1.0282	22.9			15.00	66.00	1277.80		22.8
		72.00	4112.30	5254.70	1.0278	22.8			16.00	69.50	1281.30		22.8
		73.00	4143.50	5285.90	1.0274	22.8			17.00	67.20	1279.00		22.8
		74.00	4172.50	5314.90	1.0270	22.9			18.00	62.50	1274.30		22.7
		75.00	4191.00	5333.40	1.0267	22.9			19.00	67.00	1278.80		22.8
		76.00	4223.40	5365.80	1.0263	22.9			20.00	67.00	1278.80		22.8
		77.00	4241.90	5384.30	1.0260	22.9			21.00	67.00	1278.80		22.8
		78.00	4267.40	5409.80	1.0256	22.8			22.00	65.90	1277.70		22.8
		79.00	4305.60	5448.00	1.0253	22.8			23.00	65.90	1277.70		22.8
		80.00	4346.10	5488.50	1.0250	22.8			24.00	63.70	1275.50		22.8
		81.00	4397.00	5539.40	1.0247	22.8			25.00	69.50	1281.30		22.8
		82.00	4444.50	5586.90	1.0244	22.8			26.00	66.00	1277.80		22.8
		83.00	4500.00	5642.40	1.0241	22.8			27.00	78.70	1290.50		22.8
		84.00	4534.70	5677.10	1.0238	22.8			28.00	48.60	1260.40		22.8
		85.00	4567.20	5709.60	1.0235	22.8			29.00	61.40	1273.20		22.8
		86.00	4604.20	5746.60	1.0233	22.8			30.00	71.80	1283.60		22.8
		87.00	4637.80	5780.20	1.0230	22.8			31.00	77.60	1289.40		22.8
		88.00	4673.60	5816.00	1.0227	22.8			32.00	77.60	1289.40		22.8
		89.00	4709.50	5851.90	1.0225	22.8			33.00	81.00	1292.80		22.8
		90.00	4744.20	5886.60	1.0222	22.8			34.00	78.60	1290.40		22.8
		91.00	4790.50	5932.90	1.0220	22.8			35.00	78.60	1290.40		22.8
D	End of 1st Shutin	92.00	4817.20	5959.60	1.0217	22.8			36.00	79.70	1291.50		22.8
E	Start of 2nd Flow	0.00	0.00	1211.80		22.8			37.00	74.10	1285.90		22.8
		1.00	5.80	1217.60		22.8			38.00	77.60	1289.40		22.8
		2.00	8.10	1219.90		22.8			39.00	82.20	1294.00		22.8
		3.00	15.10	1226.90		22.7			40.00	79.90	1291.70		22.8
		4.00	38.10	1249.90		22.8			41.00	82.20	1294.00		22.8
		5.00	38.10	1249.90		22.8			42.00	82.20	1294.00		22.8
		6.00	39.20	1251.00		22.8			43.00	84.50	1296.30		22.8
		7.00	48.80	1260.40		22.8			44.00	87.80	1299.60		22.8
		8.00	49.80	1261.60		22.7			45.00	87.80	1299.60		22.8
		9.00	59.00	1270.80		22.8			46.00	87.80	1299.60		22.8
		10.00	61.40	1273.20		22.7			47.00	86.70	1298.50		22.8
		11.00	56.70	1268.50		22.7			48.00	86.70	1298.50		22.8
		12.00	59.00	1270.80		22.7			49.00	86.70	1298.50		22.8
		13.00	63.70	1275.50		22.8			50.00	90.30	1302.10		22.8
		14.00	63.70	1275.50		22.8			51.00	91.50	1303.30		22.8



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		52.00	88.00	1299.80		22.8			13.00	1832.20	3384.30	7.0000	22.9
		53.00	90.20	1302.00		22.8			14.00	1868.10	3420.20	6.5714	22.9
		54.00	90.20	1302.00		22.8			15.00	1904.00	3456.10	6.2000	22.9
		55.00	89.00	1300.80		22.8			16.00	1945.60	3497.70	5.8750	22.9
		56.00	91.50	1303.30		22.8			17.00	1979.20	3531.30	5.5882	22.9
		57.00	97.20	1309.00		22.8			18.00	2017.40	3569.50	5.3333	22.9
		58.00	78.70	1290.50		22.8			19.00	2059.10	3611.20	5.1053	22.9
		59.00	89.10	1300.90		22.8			20.00	2093.80	3645.90	4.9000	22.9
		60.00	99.60	1311.40		22.8			21.00	2132.00	3684.10	4.7143	22.9
		61.00	115.80	1327.60		22.8			22.00	2169.00	3721.10	4.5455	22.9
		62.00	134.30	1346.10		22.8			23.00	2207.20	3759.30	4.3913	22.9
		63.00	145.90	1357.70		22.8			24.00	2247.70	3799.80	4.2500	22.9
		64.00	163.20	1375.00		22.8			25.00	2285.90	3838.00	4.1200	22.9
		65.00	177.10	1388.90		22.8			26.00	2322.90	3875.00	4.0000	22.9
		66.00	191.00	1402.80		22.8			27.00	2355.40	3907.50	3.8889	22.9
		67.00	204.90	1416.70		22.8			28.00	2399.30	3951.40	3.7857	22.9
		68.00	218.80	1430.60		22.8			29.00	2442.20	3994.30	3.6897	22.9
		69.00	232.70	1444.50		22.8			30.00	2478.00	4030.10	3.6000	22.9
		70.00	246.60	1458.40		22.8			31.00	2515.10	4067.20	3.5161	22.9
		71.00	259.30	1471.10		22.8			32.00	2552.10	4104.20	3.4375	22.9
		72.00	273.20	1485.00		22.8			33.00	2592.60	4144.70	3.3636	22.8
		73.00	289.40	1501.20		22.8			34.00	2629.70	4181.80	3.2941	22.8
		74.00	302.10	1513.90		22.8			35.00	2664.40	4216.50	3.2286	22.9
		75.00	321.80	1533.60		22.8			36.00	2699.10	4251.20	3.1667	22.9
F	End of 2nd Flow	76.00	340.30	1552.10		22.8			37.00	2733.80	4285.90	3.1081	22.9
		1.00	541.70	2093.80	79.0000	22.8			38.00	2770.90	4323.00	3.0526	22.8
		2.00	549.80	2101.90	40.0000	22.8			39.00	2805.60	4357.70	3.0000	22.8
		3.00	566.00	2118.10	27.0000	22.9			40.00	2840.30	4392.40	2.9500	22.8
		4.00	574.10	2126.20	20.5000	22.9			41.00	2877.40	4429.50	2.9024	22.8
		5.00	588.00	2140.10	16.6000	22.9			42.00	2914.40	4466.50	2.8571	22.8
		6.00	1552.10	3104.20	14.0000	22.9			43.00	2950.30	4502.40	2.8140	22.8
		7.00	1588.00	3140.10	12.1429	22.9			44.00	2983.80	4535.90	2.7727	22.8
		8.00	1625.00	3177.10	10.7500	22.9			45.00	3017.40	4569.50	2.7333	22.8
		9.00	1664.40	3216.50	9.6667	22.9			46.00	3051.00	4603.10	2.6957	22.8
		10.00	1710.70	3262.80	8.8000	22.9			47.00	3089.20	4641.30	2.6596	22.8
		11.00	1751.20	3303.30	8.0909	22.9			48.00	3121.60	4673.70	2.6250	22.8
		12.00	1791.70	3343.80	7.5000	22.9			49.00	3136.60	4688.70	2.5918	22.8



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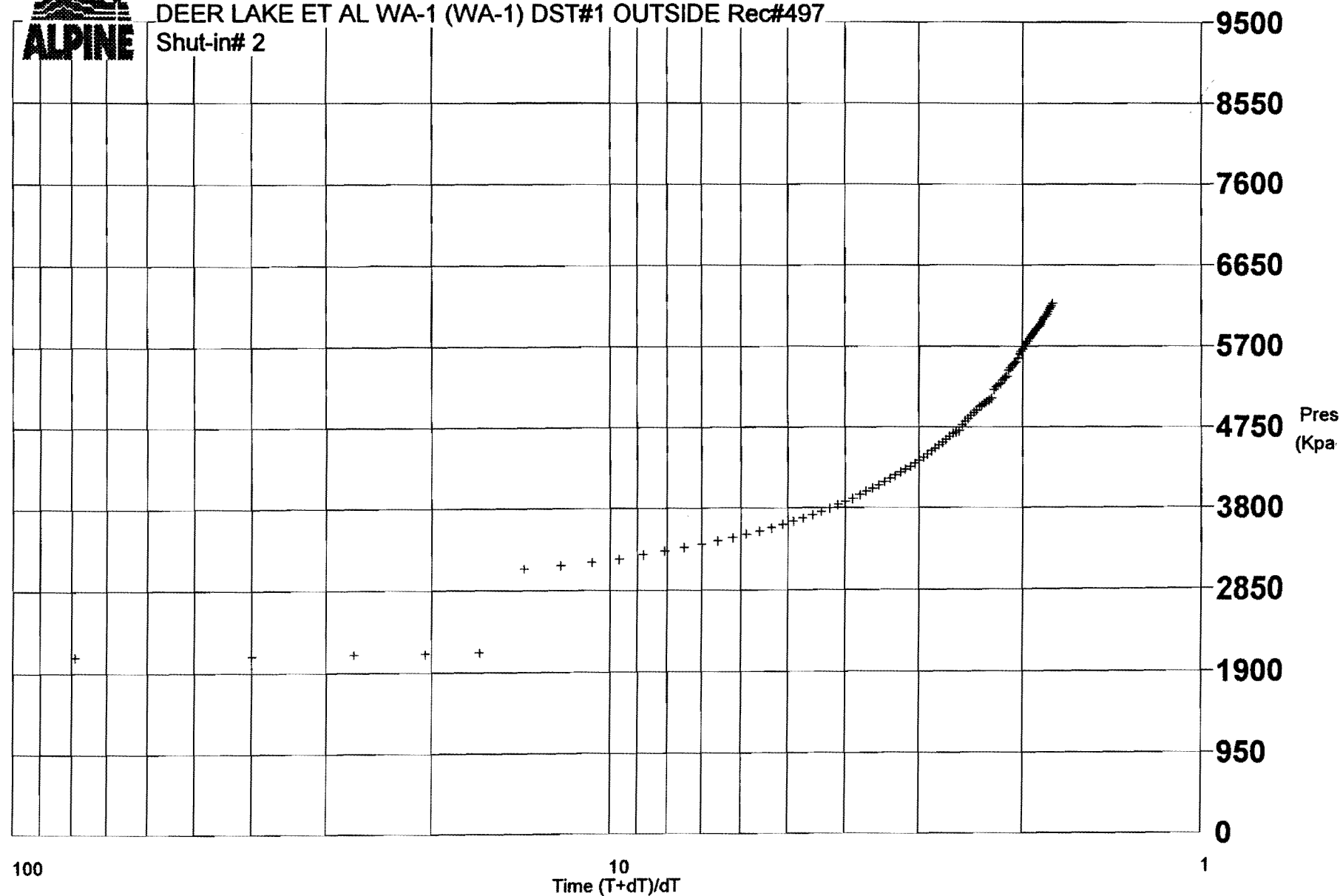
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		50.00	3156.30	4708.40	2.5600	22.8			87.00	4342.60	5894.70	1.8966	22.8
		51.00	3230.40	4782.50	2.5294	22.8			88.00	4363.50	5915.60	1.8864	22.8
		52.00	3267.40	4819.50	2.5000	22.8			89.00	4384.30	5936.40	1.8764	22.8
		53.00	3299.80	4851.90	2.4717	22.8			90.00	4406.30	5958.40	1.8667	22.8
		54.00	3335.70	4887.80	2.4444	22.8			91.00	4431.80	5983.90	1.8571	22.8
		55.00	3369.30	4921.40	2.4182	22.8			92.00	4456.10	6008.20	1.8478	22.8
		56.00	3395.90	4948.00	2.3929	22.8			93.00	4476.90	6029.00	1.8387	22.8
		57.00	3439.90	4992.00	2.3684	22.8			94.00	4498.90	6051.00	1.8298	22.8
		58.00	3456.10	5008.20	2.3448	22.8			95.00	4524.40	6076.50	1.8211	22.8
		59.00	3475.70	5027.80	2.3220	22.8			96.00	4551.00	6103.10	1.8125	22.8
		60.00	3494.30	5046.40	2.3000	22.8			97.00	4576.40	6128.50	1.8041	22.8
		61.00	3516.20	5068.30	2.2787	22.8			98.00	4598.40	6150.50	1.7959	22.8
		62.00	3537.10	5089.20	2.2581	22.8			99.00	4625.10	6177.20	1.7879	22.8
		63.00	3641.20	5193.30	2.2381	22.8	G	End of 2nd Shutin	100.00	4650.50	6202.60	1.7800	22.8
		64.00	3672.50	5224.60	2.2188	22.8	Q	Final Hydrostatic	0.00	0.00	8755.90		22.8
		65.00	3691.00	5243.10	2.2000	22.8							
		66.00	3707.20	5259.30	2.1818	22.8							
		67.00	3754.70	5306.80	2.1642	22.9							
		68.00	3775.50	5327.60	2.1471	22.9							
		69.00	3794.00	5346.10	2.1304	22.9							
		70.00	3866.90	5419.00	2.1143	22.8							
		71.00	3894.70	5446.80	2.0986	22.8							
		72.00	3923.70	5475.80	2.0833	22.9							
		73.00	3943.30	5495.40	2.0685	22.8							
		74.00	3959.50	5511.60	2.0541	22.8							
		75.00	4004.70	5556.80	2.0400	22.8							
		76.00	4053.30	5605.40	2.0263	22.8							
		77.00	4082.20	5634.30	2.0130	22.8							
		78.00	4113.50	5665.60	2.0000	22.8							
		79.00	4145.90	5698.00	1.9873	22.8							
		80.00	4174.80	5726.90	1.9750	22.8							
		81.00	4201.40	5753.50	1.9630	22.8							
		82.00	4232.70	5784.80	1.9512	22.8							
		83.00	4261.60	5813.70	1.9398	22.8							
		84.00	4280.10	5832.20	1.9286	22.8							
		85.00	4298.70	5850.80	1.9176	22.8							
		86.00	4323.00	5875.10	1.9070	22.8							

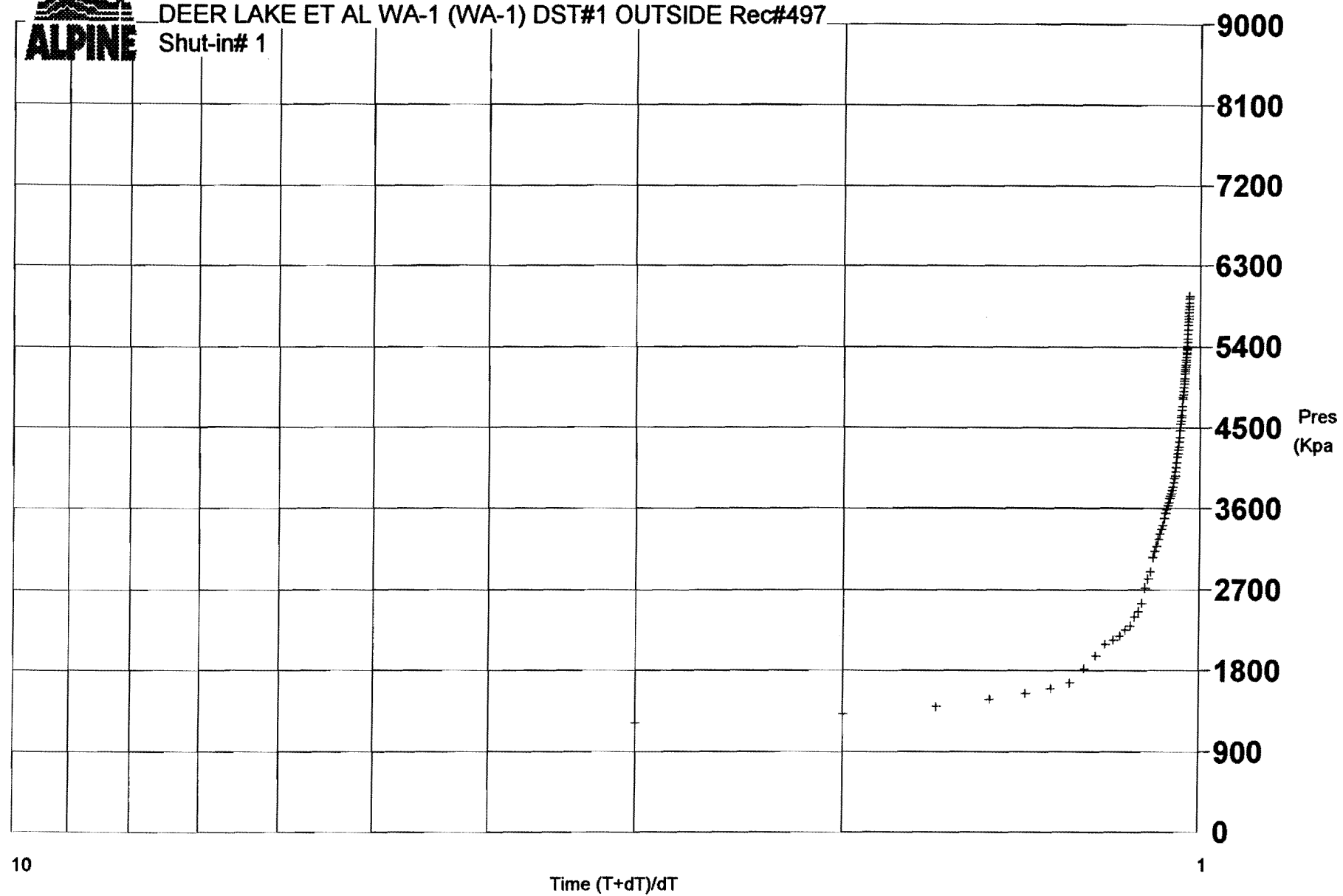


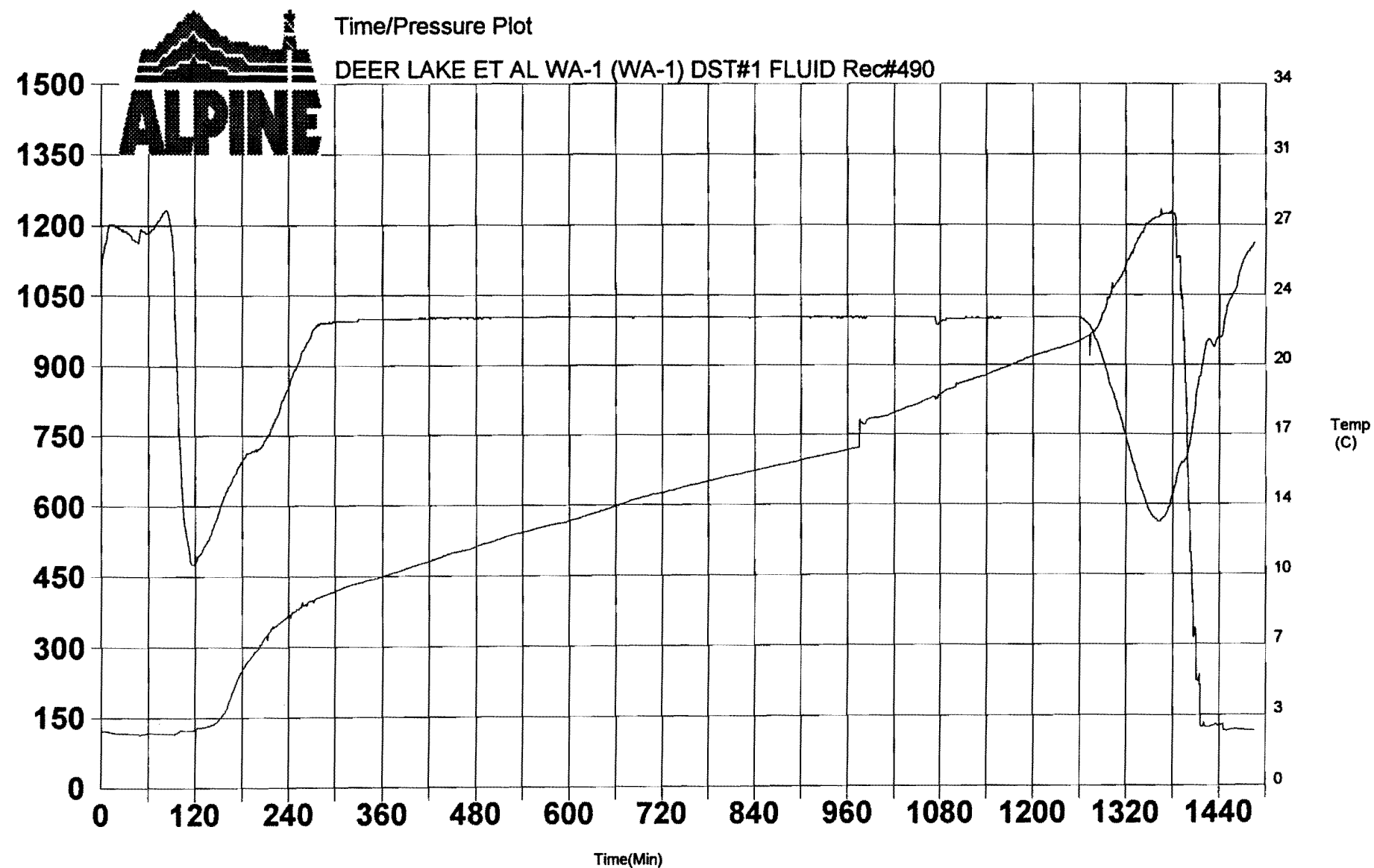
Homer Plot
DEER LAKE ET AL WA-1 (WA-1) DST#1 OUTSIDE Rec#497
Shut-in# 2





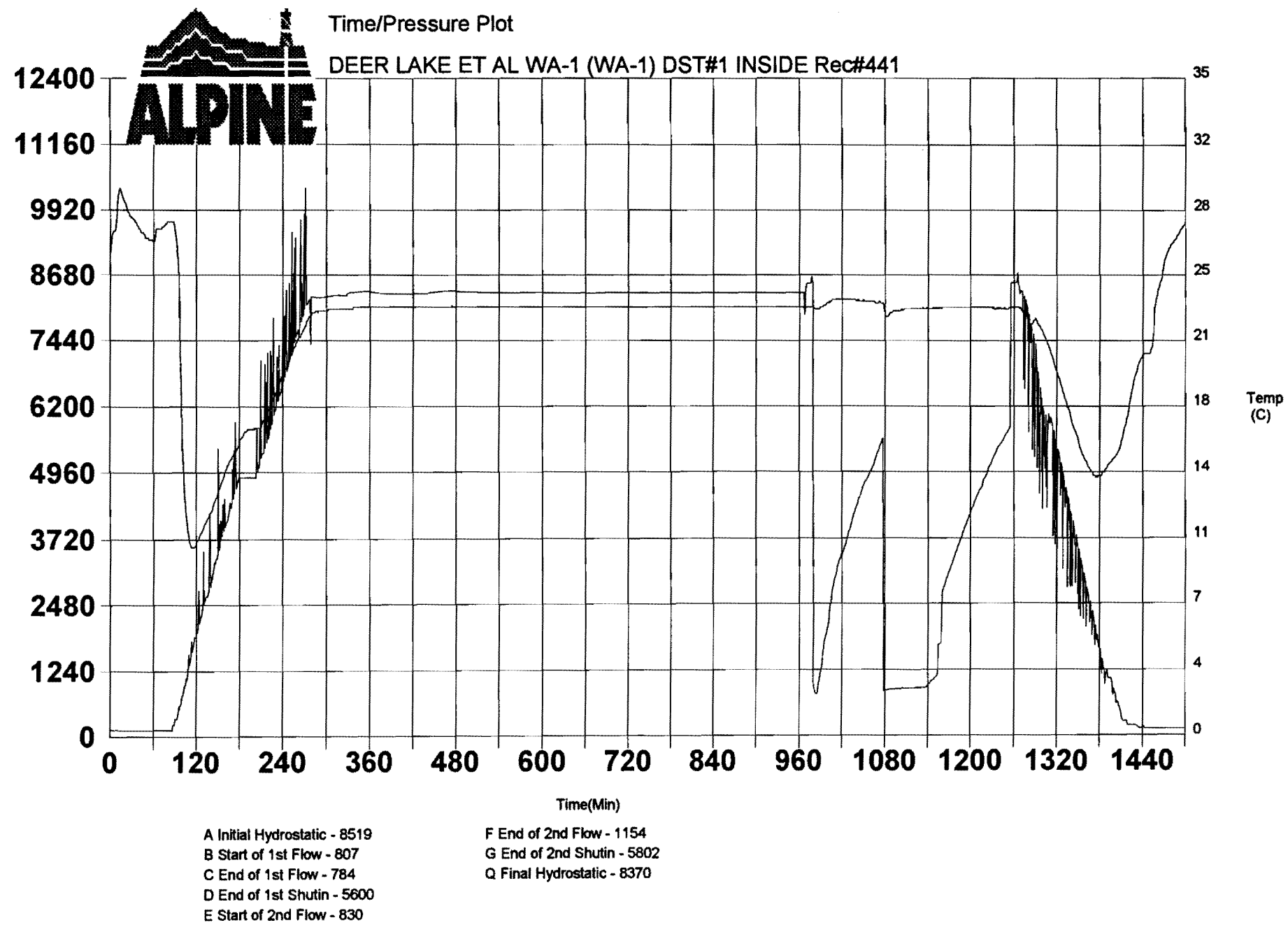
Homer Plot
DEER LAKE ET AL WA-1 (WA-1) DST#1 OUTSIDE Rec#497
Shut-in# 1

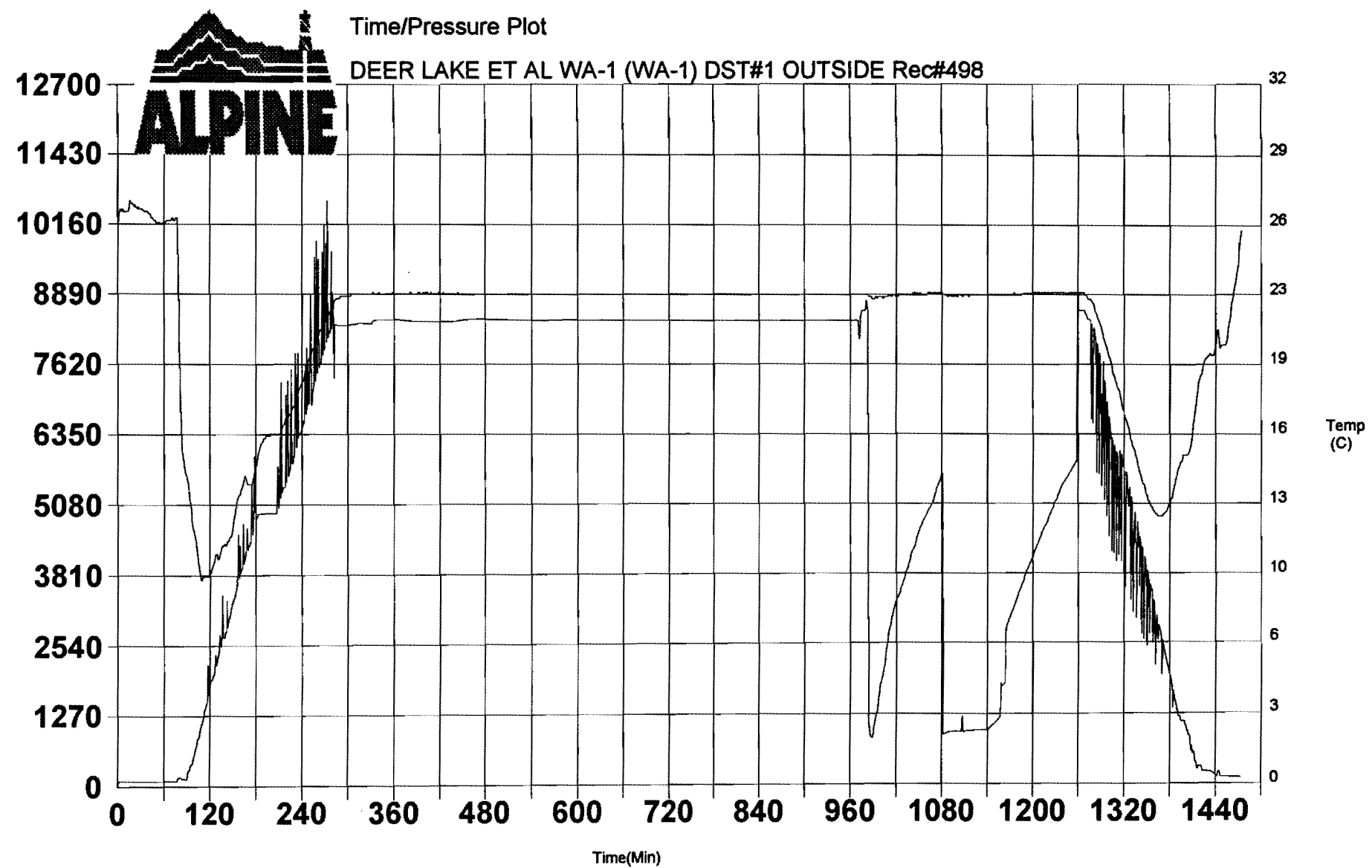




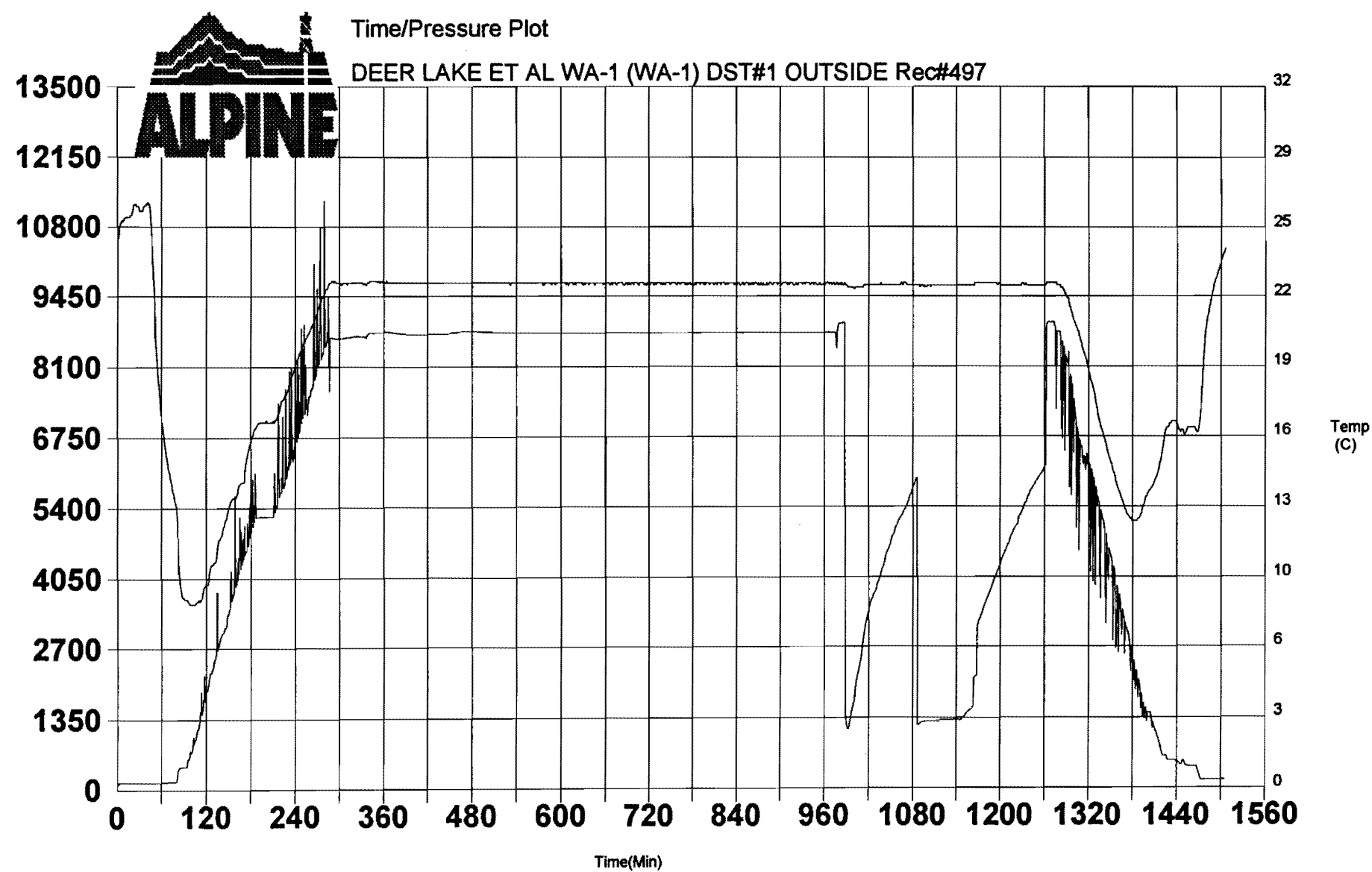
A Initial Hydrostatic - 720
B Start of 1st Flow - 776
C End of 1st Flow - 774
D End of 1st Shutin - 832
E Start of 2nd Flow - 824

F End of 2nd Flow - 886
G End of 2nd Shutin - 944
Q Final Hydrostatic - 954





A Initial Hydrostatic - 8592	F End of 2nd Flow - 1200
B Start of 1st Flow - 839	G End of 2nd Shutin - 5873
C End of 1st Flow - 823	Q Final Hydrostatic - 8469
D End of 1st Shutin - 5633	
E Start of 2nd Flow - 889	



A Initial Hydrostatic - 8923
B Start of 1st Flow - 1142
C End of 1st Flow - 1142
D End of 1st Shutin - 5960
E Start of 2nd Flow - 1212
F End of 2nd Flow - 1552
G End of 2nd Shutin - 6203
Q Final Hydrostatic - 8756

August 8, 2000

Note to file:

RE: DLOG Western Adventure No. 1
DST #2

Received a call from Stan Podulsky @ 3.50pm. He informed that DST #2 would be proceeding with the same DST tool string and surface set-up as the first test. He inquired if he was required to submit string details prior to the test. I indicated that this verbal information was fine since the test string is the same make-up as the prior test string and that those details could be submitted upon completion of the test. He informed that the DST#2 interval was to be 665 - 872m inclusive for a total of 207m of zone.

wes foote

F:\home\pmalley\WPFILES\notes\dst2note.wpd

DEER LAKE ET AL WA-1

WA-1

DST # 2



Drill Stem Test Report

Prepared for: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Well Name: DEER LAKE ET AL WA-1
Location: WA-1

Test Date: 08/07/2000

Job Ticket #: D2-09852 DST#: 2



Drill Stem Testing Report

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-09852 DST#: 2
Test Date: 08/07/2000 1730hrs

Well Name: DEER LAKE ET AL WA-1
Location: WA-1

Contact: STAN PODULSKY

General Information:

Test Type: CONV. BOTTOM HOLE
Interval: 665.00m - 872.00m
Formation: NORTH BROOK
KB Elevation: 92.50m
Ground Elevation: 90.00m
Total Depth: 872.00m
Test Mode: Fluid

Tester: C. PETERSON
Truck No.: ☐ Y ☐
Contractor: LOGAN DRILLING
Rig No.: 50 LI
Hole Diameter: 96mm
Hole Condition: BRIDGED OFF
Bottom Hole Temperature: 22.40 C

Electronic Recorder Information:

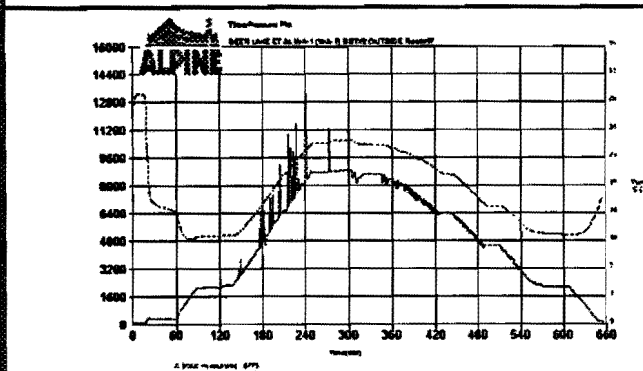
OUTSIDE	FLUID
Recorder #: 497	Recorder #: 490
Range: 70000 kPag	Range: 35000 kPag
Depth: 870.69 m	Depth: 659.63 m
Flag Points:	Time: Pressure:
A Initial Hydrostatic	0.00 8774.6
Q Final Hydrostatic	0.00 8696.0

Test Run Information:

Start Time: 1730hrs
Reached Test Depth:
Pull Out Time: 2215hrs
Tool Out Of Hole: 400hrs

Weight set on Packers: 2.00daN
Weight to free Packers: 10.00daN
Initial String Weight: 9.00daN
Unseated String Weight: 9.00daN

Tool Chased Dist: 0.00m Water Loss: 20.00cm³
Mud Type: POLYMER Mud Drop: NO
Mud Weight: 1044.00kg/m³ VIS: 35.00S/L
Amount of fill: 0.00m Filter Cake: 1.00mm
Amt of cushion: 0.00 Pump Time: 0min
Type of cushion: Reversed Out: NO



Recovery Description:

No fluid recovery due to misrun.

General Remarks:

MISRUN -

While running to test depth encountered 5 meters of fill on bottom. Pulled out of hole to run clean out trip.

Gas Bomb: 0 Sampler: 0
Fluid Sample: 0 Sent to: NO SAMPLES



Drill Stem Testing - Tool Diagram / Description

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-09852
Test Date: 08/07/2000 1730hrs

DST#: 2

Well Name: DEER LAKE ET AL WA-1

Location: WA-1

Contact: STAN PODULSKY

Conventional Bottomhole

Drill Collar Stands:	0
Drill Collar Singles:	0
Drill Pipe Stands:	0
Drill Pipe Singles:	0
Heavy Wt. Pipe Stands:	0
Heavy Wt. Pipe Singles:	0
Total Drill Collars/Pipe and Tools:	6.91m
Total Drill Pipe Above K.B.:	0.00m
Total Depth:	872m

6.91m

Tool / Drill Stem Information:

Tool Weight:	0.50 daN
Drill Collar Inside Diameter:	0.00 mm
Drill Collar Total Length:	0.00 m
Drill Pipe Inside Diameter:	78.00 mm
Drill Pipe Total Length:	0.00 m
Heavy Weight Pipe Diameter:	0.00 mm
Heavy Weight Pipe Length:	0.00 m
Bottom Choke Diameter:	9.59 mm
Number of Packers: 2 Dia.:	82.55 mm

Depth:
665.00m

Tool Remarks:



205.9m

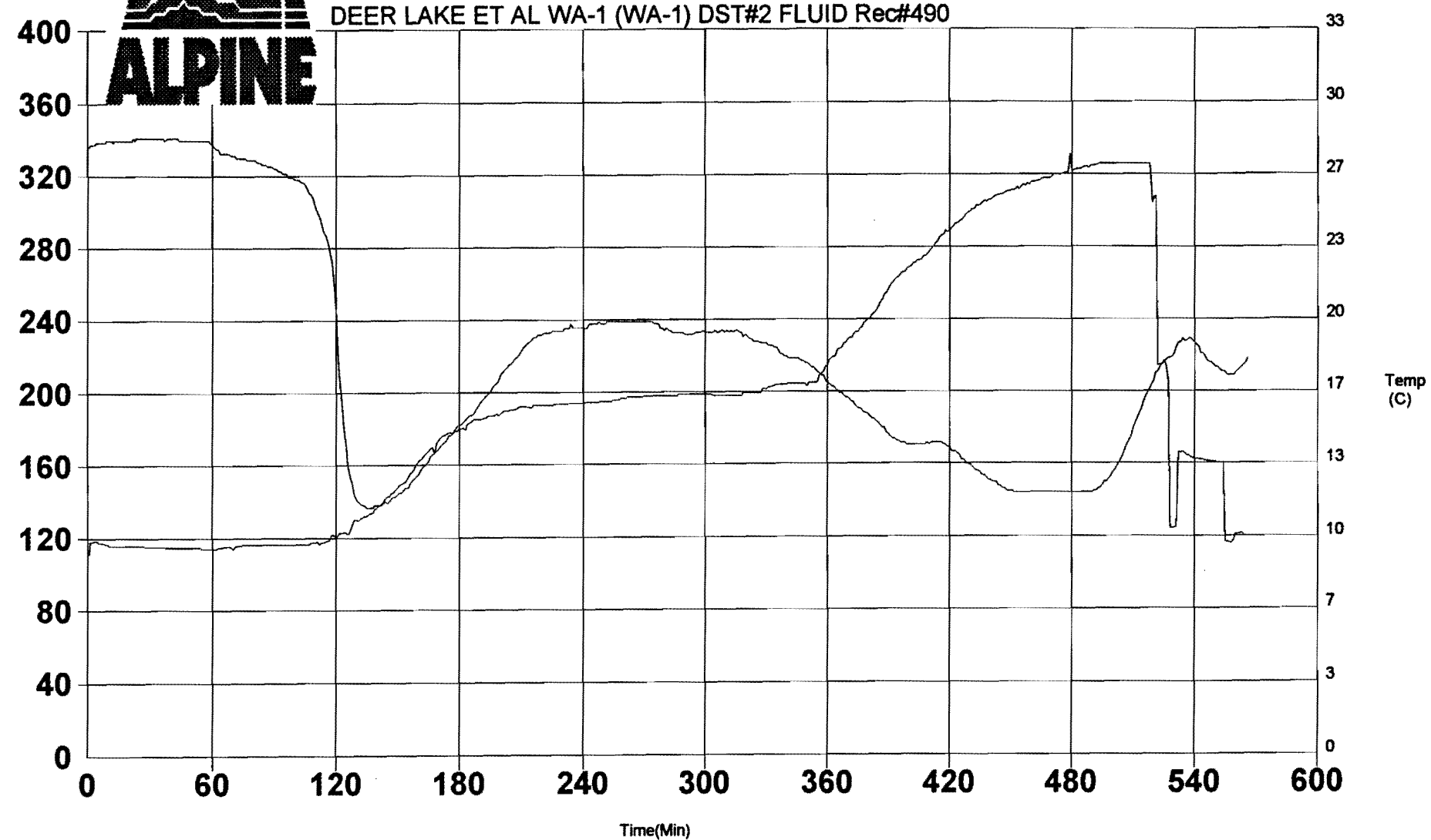
Total Depth: 872.00m

Item	Length
XO	0.15
REC 4490	1.39
SHUT IN TOOL	1.34
REC 4441	1.39
PACKER	1.27
PACKER UP	0.82
PACKER DOWN	0.55
PERF	3.00
REC 4498	1.39
XO	0.15
D.C.	201.0
XO/REC 4497	0.15
BULLNOSE	0.20



Time/Pressure Plot

DEER LAKE ET AL WA-1 (WA-1) DST#2 FLUID Rec#490



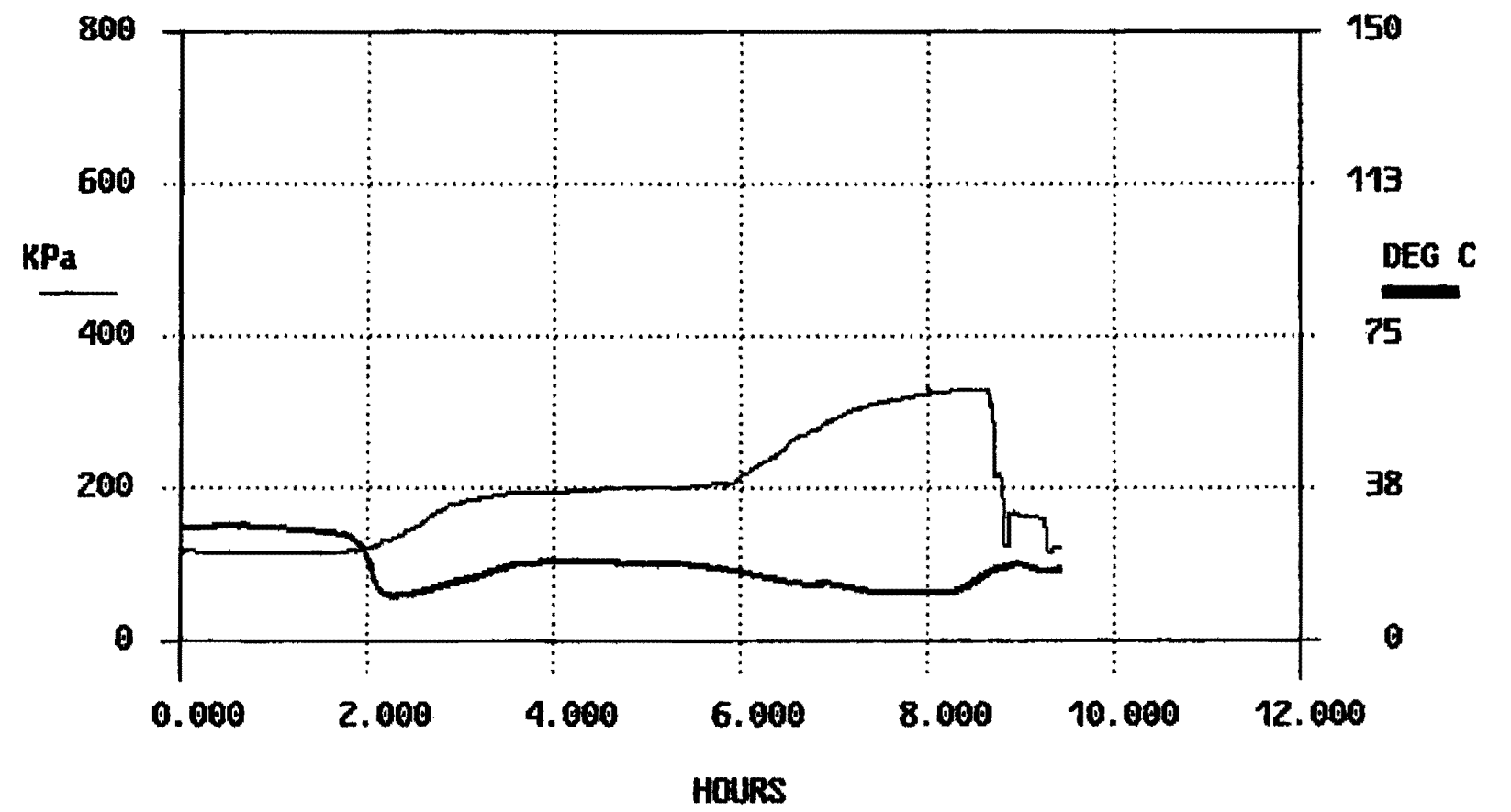
A Initial Hydrostatic - 192
Q Final Hydrostatic - 199

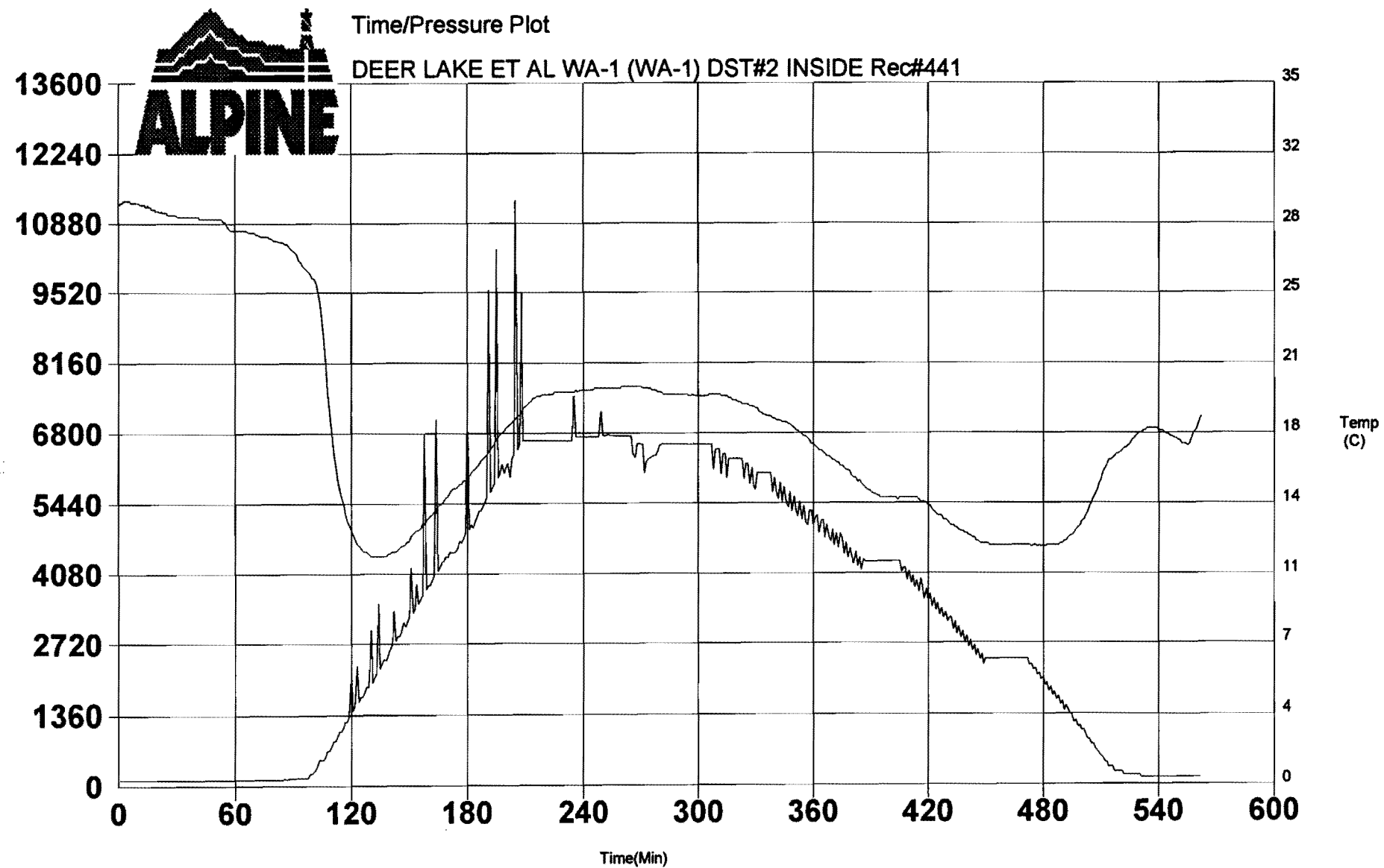
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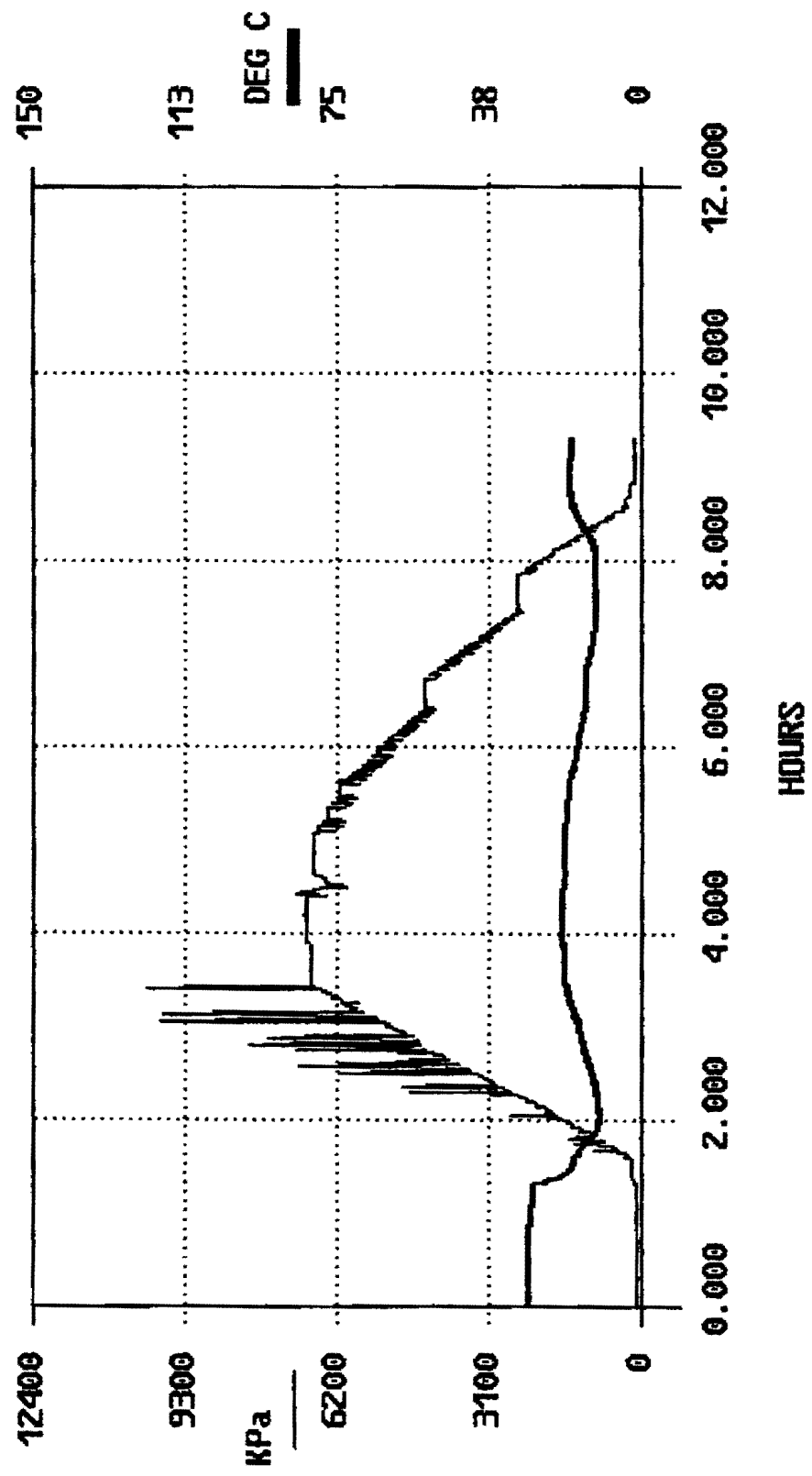
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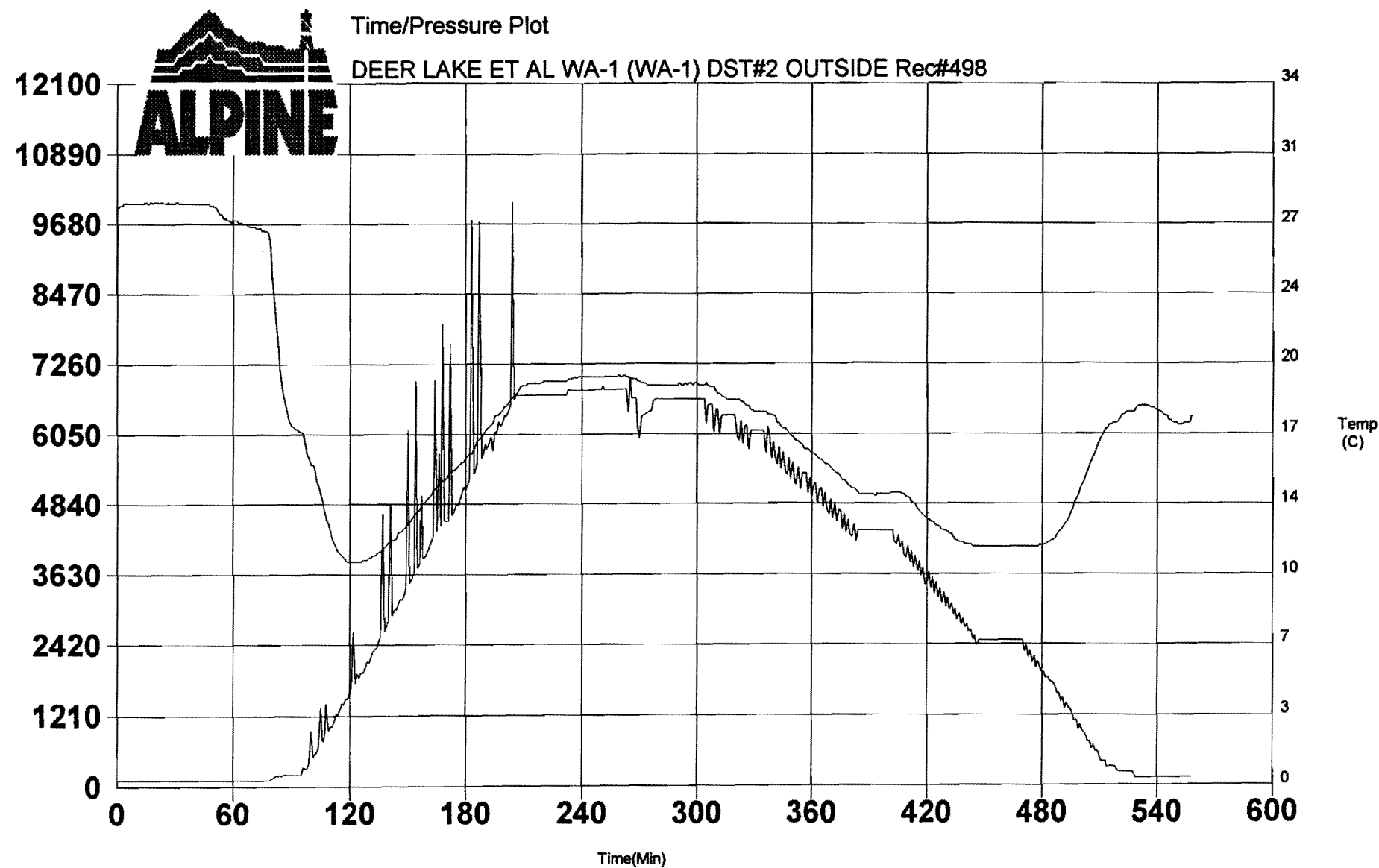




A Initial Hydrostatic - 6659
Q Final Hydrostatic - 6306

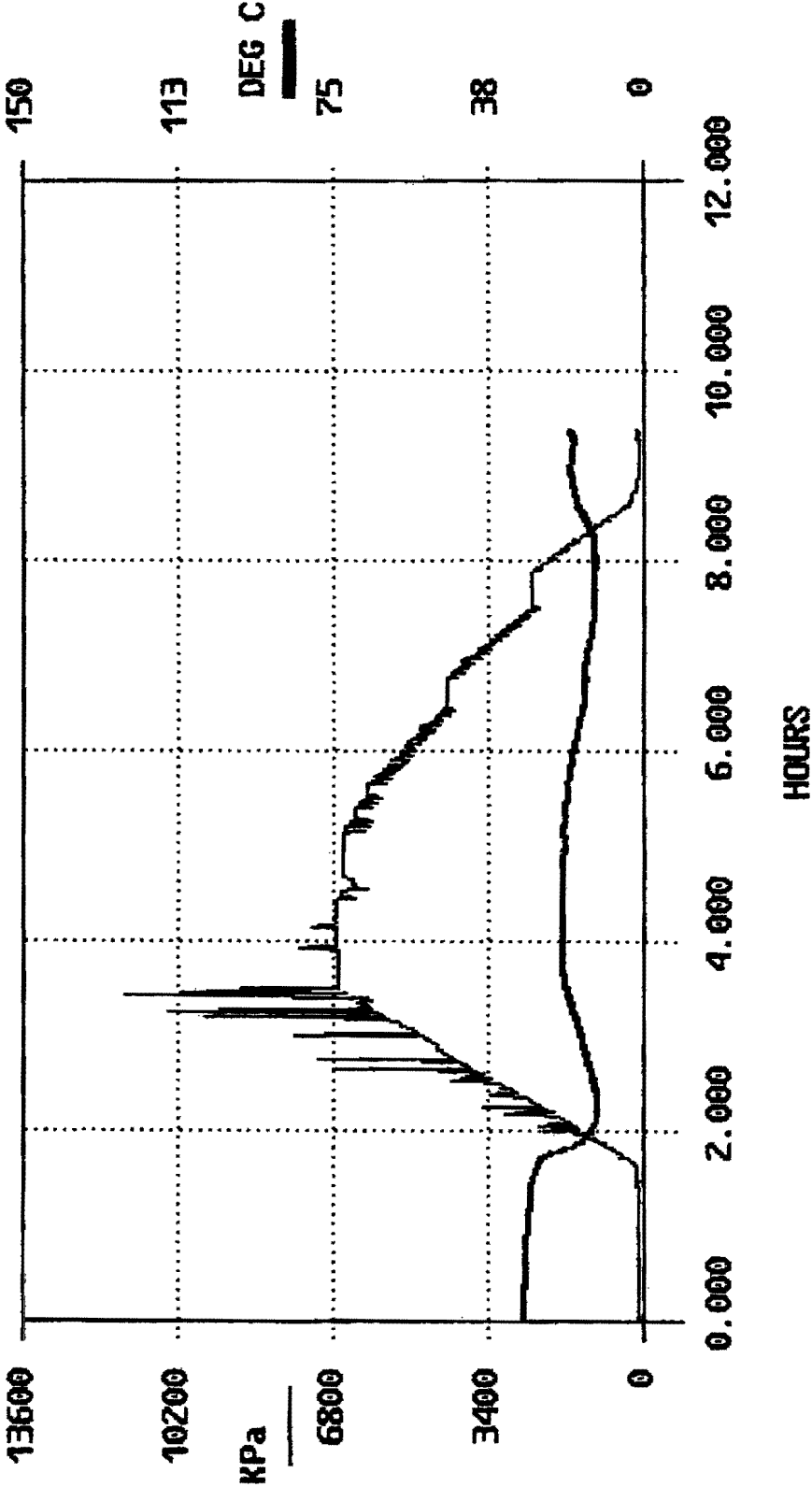
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s/n 4498 DEER LAKE OIL&GAS DST#2 OUT IW2-09852 2

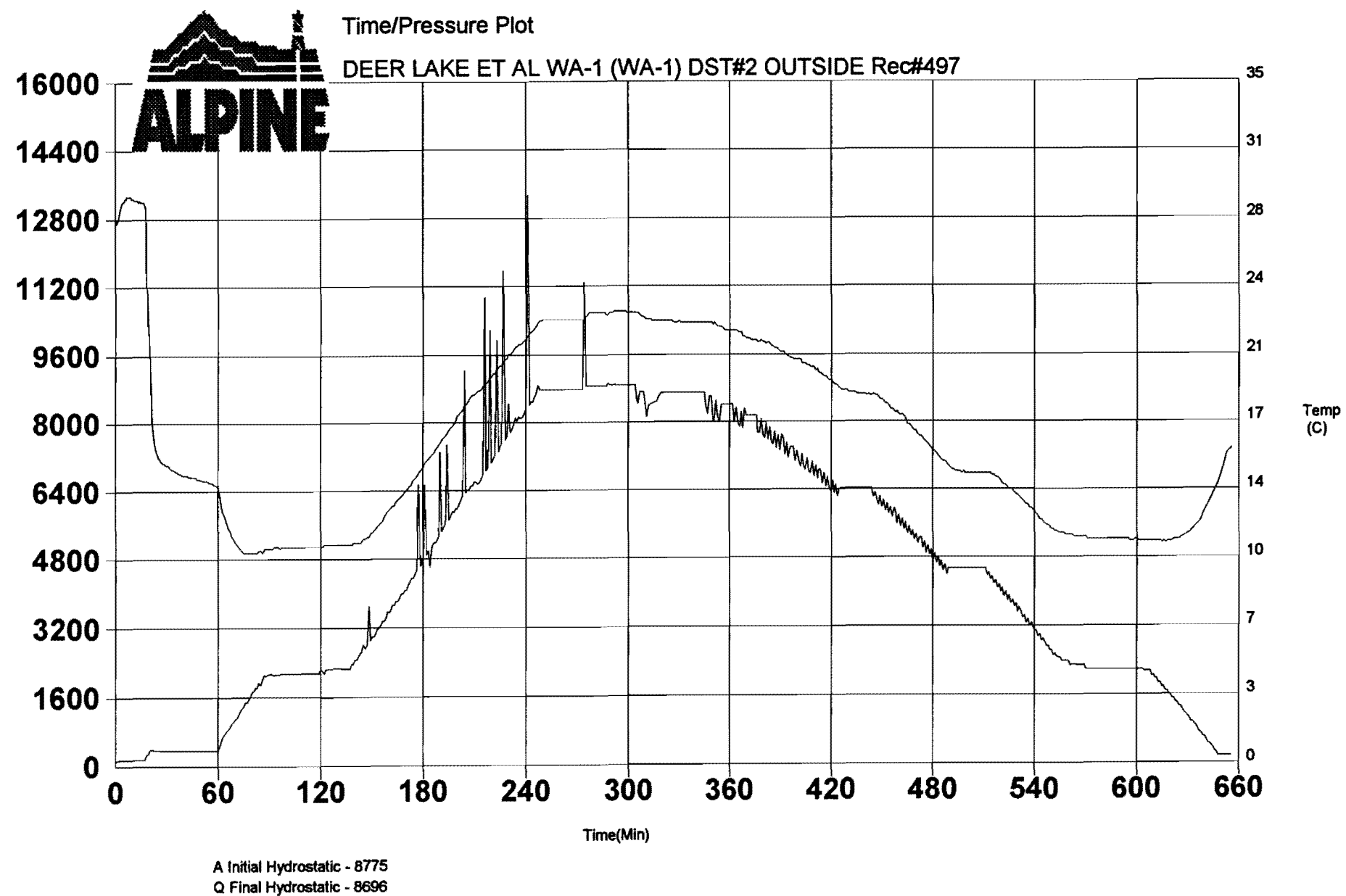




A Initial Hydrostatic - 6724
Q Final Hydrostatic - 6650

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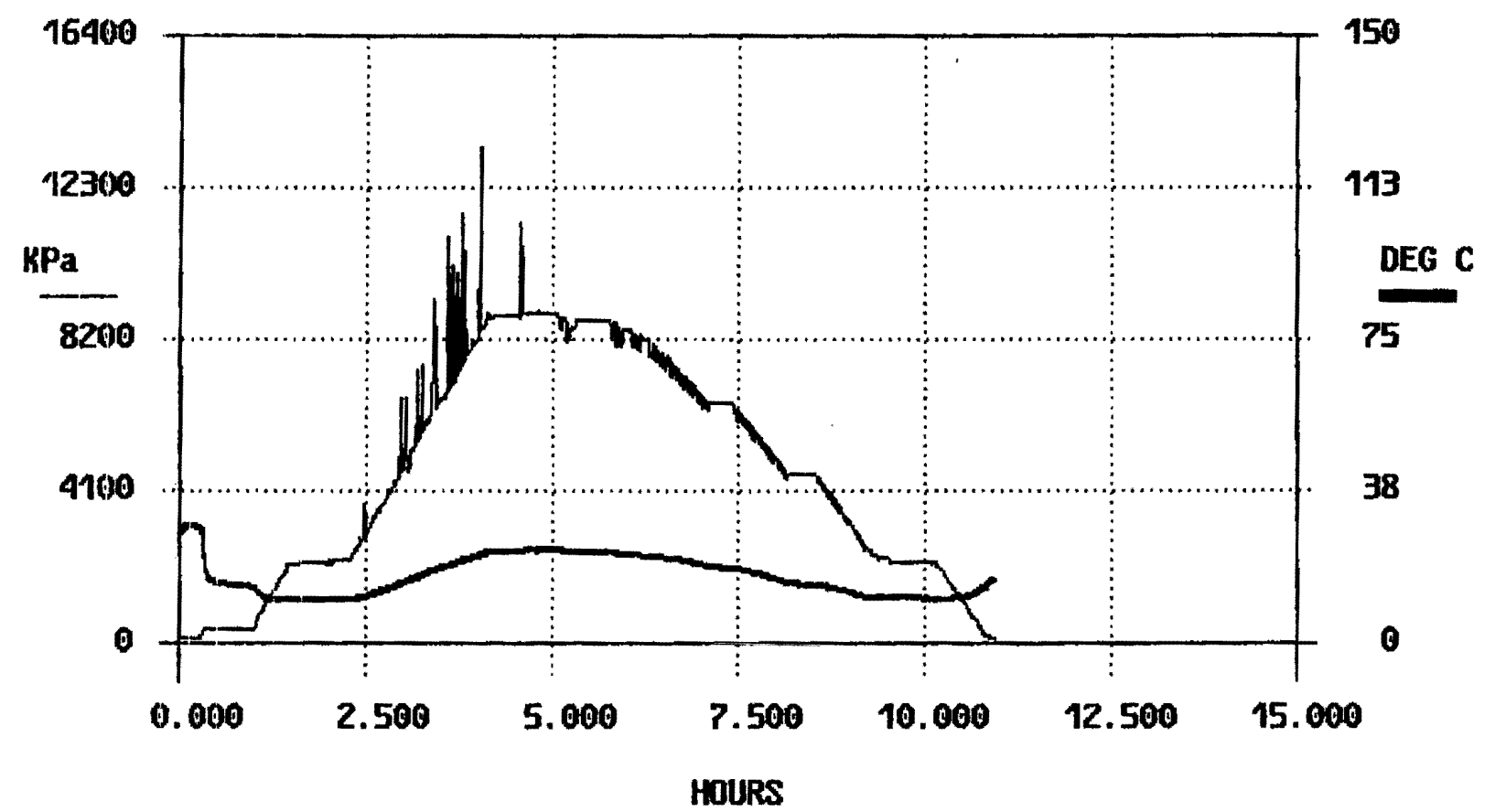


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s/n 4497 DEER LAKE OIL&GAS DST#2 OUT T#2-09852





Drill Stem Test Report

Prepared for: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Well Name: DEER LAKE ET AL WA-1
Location: WA-1

Test Date: 08/08/2000

Job Ticket #: D2-09853 DST#: 3

DEER LAKE ET AL WA-1

WA-1

DST # 3



Drill Stem Testing Report

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-09853 DST#: 3
Test Date: 08/08/2000 1740hrs

Well Name: DEER LAKE ET AL WA-1
Location: WA-1

Contact: STAN PODULSKY

General Information:

Test Type: CONV. BOTTOM HOLE
Interval: 665.00m - 872.00m
Formation: NORTH BROOK
KB Elevation: 92.50m
Ground Elevation: 90.00m
Total Depth: 872.00m
Test Mode: Fluid

Tester: C. PETERSON
Truck No.: ☐ Y ☐
Contractor: LOGAN DRILLING
Rig No.: 50 LI
Hole Diameter: 96mm
Hole Condition: GOOD
Bottom Hole Temperature: 22.80 C

Electronic Recorder Information:

OUTSIDE Recorder #: 497	FLUID Recorder #: 490
Range: 70000 kPag	Range: 35000 kPag
Depth: 870.69 m	Depth: 659.63 m
Flag Points:	Time: Pressure:
A Initial Hydrostatic	0.00 8826.7
E Start of 2nd Flow	0.00 6620.4
F End of 2nd Flow	48.00 9064.9
G End of 2nd Shutin	128.00 9301.2
Q Final Hydrostatic	0.00 8838.3

Test Run Information:

Start Time: 1740hrs
Reached Test Depth: 2030hrs
Pull Out Time: 1242hrs
Tool Out Of Hole: 530hrs

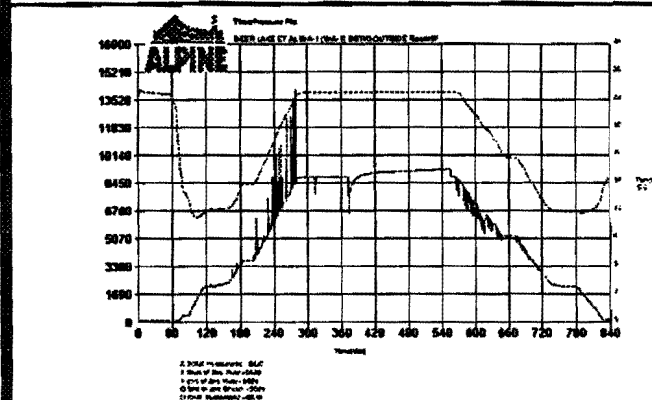
Weight set on Packers: 2.00daN
Weight to free Packers: 10.00daN
Initial String Weight: 9.00daN
Unseated String Weight: 9.00daN

Tool Chased Dist: 0.00m Water Loss: 20.00cm³
Mud Type: POLYMER Mud Drop: NO
Mud Weight: 1140.00kg/m³ VIS: 35.00S/L
Amount of fill: 0.00m Filter Cake: 1.00mm
Amt of cushion: 0.00 Pump Time: 25min
Type of cushion: Reversed Out: NO

General Remarks:

PREFLOW: No preflow, due to losing packer seat upon opening tool.

FINAL FLOW: Very weak air blow decreasing to dead in 10 minutes. Remaining dead throughout remainder of flow.



Recovery Description:

Total fluid recovery was 60 meters drilling fluid with some hydrocarbon flecking.

No gas to surface.

Gas Bomb: 0 Sampler: 0
Fluid Sample: 7 Sent to: CORE LAB

Drill Stem Testing - Tool Diameter / Description

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-09853 **DST#:** 3
Test Date: 08/08/2000 1740hrs

Well Name: DEER LAKE ET AL WA-1

Location: WA-1

Conventional Bottomhole

Drill Collar Stands:	0
Drill Collar Singles:	0
Drill Pipe Stands:	74
Drill Pipe Singles:	0
Heavy Wt. Pipe Stands:	0
Heavy Wt. Pipe Singles:	0
Total Drill Collars/Pipe and Tools:	671.80m
Total Drill Pipe Above K.B.:	6.80m
Total Depth:	872m

6.91m

Tool / Drill Stem Information:

Tool Weight:	1.00 daN
Drill Collar Inside Diameter:	0.00 mm
Drill Collar Total Length:	0.00 m
Drill Pipe Inside Diameter:	78.00 mm
Drill Pipe Total Length:	664.89 m
Heavy Weight Pipe Diameter:	0.00 mm
Heavy Weight Pipe Length:	0.00 m
Bottom Choke Diameter:	9.52 mm
Number of Packers: 2 Dia.:	82.55 mm

Depth:
665.00m

Tool Remarks:

<i>Item</i>	<i>Length</i>
X O	0.15
REC 4490	1.39
SHUT IN TOOL	1.34
REC 4441	1.39
PACKER	1.27
PACKER UP	0.82
PACKER DOWN	0.55
PERF	3.00
REC 4498	1.39
XO	0.15
D.C.	201.0
XO/REC 4497	0.15
BULLNOSE	0.20

205.9m

Total Depth: 872.00m



Drill Stem Testing - Time / Pressure Listing

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-09853 DST#: 3
Test Date: 08/08/2000 1740hrs

Well Name: DEER LAKE ET AL WA-1
Location: WA-1

Contact: STAN PODULSKY

Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)	Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
A	Initial Hydrostatic	0.00	0.00	8826.70		22.8			36.00	2383.20	9003.60		22.8
E	Start of 2nd Flow	0.00	0.00	6620.40		22.8			37.00	2390.10	9010.50		22.8
		1.00	1214.20	7834.60		22.8			38.00	2398.20	9018.60		22.8
		2.00	1370.40	7990.80		22.8			39.00	2407.50	9027.90		22.8
		3.00	1489.60	8110.00		22.7			40.00	2412.10	9032.50		22.7
		4.00	1592.70	8213.10		22.8			41.00	2414.40	9034.80		22.8
		5.00	1679.50	8299.90		22.8			42.00	2417.90	9038.30		22.8
		6.00	1755.90	8376.30		22.8			43.00	2424.80	9045.20		22.8
		7.00	1824.10	8444.50		22.8			44.00	2429.50	9049.90		22.8
		8.00	1882.00	8502.40		22.7			45.00	2435.30	9055.70		22.8
		9.00	1932.90	8553.30		22.8			46.00	2437.60	9058.00		22.8
		10.00	1979.20	8599.60		22.8			47.00	2441.00	9061.40		22.8
		11.00	2018.60	8639.00		22.8	F	End of 2nd Flow	48.00	2444.50	9064.90		22.8
		12.00	2052.20	8672.60		22.8			1.00	7.00	9071.90	49.0000	22.8
		13.00	2086.90	8707.30		22.8			2.00	8.10	9073.00	25.0000	22.8
		14.00	2118.10	8738.50		22.8			3.00	15.10	9080.00	17.0000	22.8
		15.00	2143.60	8764.00		22.8			4.00	18.70	9083.60	13.0000	22.8
		16.00	2165.60	8786.00		22.8			5.00	19.90	9084.80	10.6000	22.8
		17.00	2189.90	8810.30		22.8			6.00	19.90	9084.80	9.0000	22.8
		18.00	2209.60	8830.00		22.8			7.00	19.90	9084.80	7.8571	22.8
		19.00	2228.10	8848.50		22.8			8.00	17.40	9082.30	7.0000	22.8
		20.00	2242.00	8862.40		22.8			9.00	17.40	9082.30	6.3333	22.8
		21.00	2252.40	8872.80		22.8			10.00	19.70	9084.60	5.8000	22.8
		22.00	2266.30	8886.70		22.8			11.00	27.80	9092.70	5.3636	22.8
		23.00	2276.70	8897.10		22.8			12.00	26.60	9091.50	5.0000	22.8
		24.00	2288.30	8908.70		22.8			13.00	34.70	9099.60	4.6923	22.8
		25.00	2297.50	8917.90		22.8			14.00	39.40	9104.30	4.4286	22.8
		26.00	2307.90	8928.30		22.8			15.00	41.70	9106.60	4.2000	22.8
		27.00	2316.00	8936.40		22.8			16.00	39.40	9104.30	4.0000	22.8
		28.00	2328.80	8949.20		22.8			17.00	40.50	9105.40	3.8235	22.8
		29.00	2339.20	8959.60		22.8			18.00	41.70	9106.60	3.6667	22.8
		30.00	2346.10	8966.50		22.8			19.00	44.00	9108.90	3.5263	22.8
		31.00	2353.10	8973.50		22.8			20.00	46.30	9111.20	3.4000	22.8
		32.00	2360.00	8980.40		22.8			21.00	48.60	9113.50	3.2857	22.8
		33.00	2368.10	8988.50		22.8			22.00	54.40	9119.30	3.1818	22.8
		34.00	2376.20	8996.60		22.8			23.00	54.40	9119.30	3.0870	22.8
		35.00	2383.20	9003.60		22.8			24.00	56.70	9121.60	3.0000	22.8



Drill Stem Testing - Time / Pressure Listing

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-09853 DST#: 3
Test Date: 08/08/2000 1740hrs

Well Name: DEER LAKE ET AL WA-1

Contact: STAN PODULSKY

Location: WA-1

Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)	Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
		25.00	60.20	9125.10	2.9200	22.8			62.00	113.40	9178.30	1.7742	22.8
		26.00	63.70	9128.60	2.8462	22.8			63.00	119.20	9184.10	1.7619	22.8
		27.00	67.40	9132.30	2.7778	22.8			64.00	122.70	9187.60	1.7500	22.8
		28.00	67.40	9132.30	2.7143	22.8			65.00	126.20	9191.10	1.7385	22.8
		29.00	68.50	9133.40	2.6552	22.8			66.00	131.00	9195.90	1.7273	22.8
		30.00	66.20	9131.10	2.6000	22.8			67.00	131.00	9195.90	1.7164	22.8
		31.00	66.20	9131.10	2.5484	22.8			68.00	132.20	9197.10	1.7059	22.8
		32.00	67.40	9132.30	2.5000	22.8			69.00	133.10	9198.00	1.6957	22.8
		33.00	70.60	9135.50	2.4545	22.8			70.00	134.30	9199.20	1.6857	22.8
		34.00	71.80	9136.70	2.4118	22.8			71.00	135.40	9200.30	1.6761	22.8
		35.00	76.40	9141.30	2.3714	22.8			72.00	140.10	9205.00	1.6667	22.8
		36.00	78.70	9143.60	2.3333	22.8			73.00	138.90	9203.80	1.6575	22.8
		37.00	83.40	9148.30	2.2973	22.8			74.00	142.60	9207.50	1.6486	22.8
		38.00	86.80	9151.70	2.2632	22.8			75.00	143.70	9208.60	1.6400	22.8
		39.00	84.70	9149.60	2.2308	22.8			76.00	143.70	9208.60	1.6316	22.8
		40.00	84.70	9149.60	2.2000	22.8			77.00	147.20	9212.10	1.6234	22.8
		41.00	85.90	9150.80	2.1707	22.8			78.00	148.40	9213.30	1.6154	22.8
		42.00	88.00	9152.90	2.1429	22.8			79.00	148.40	9213.30	1.6076	22.8
		43.00	89.10	9154.00	2.1163	22.8			80.00	149.30	9214.20	1.6000	22.8
		44.00	92.60	9157.50	2.0909	22.8			81.00	151.60	9216.50	1.5926	22.8
		45.00	90.30	9155.20	2.0667	22.8			82.00	152.80	9217.70	1.5854	22.8
		46.00	85.70	9150.60	2.0435	22.8			83.00	155.10	9220.00	1.5783	22.8
		47.00	83.40	9148.30	2.0213	22.8			84.00	158.60	9223.50	1.5714	22.8
		48.00	84.50	9149.40	2.0000	22.8			85.00	156.30	9221.20	1.5647	22.8
		49.00	86.80	9151.70	1.9796	22.8			86.00	148.20	9213.10	1.5581	22.8
		50.00	88.00	9152.90	1.9600	22.8			87.00	145.90	9210.80	1.5517	22.8
		51.00	90.30	9155.20	1.9412	22.8			88.00	147.00	9211.90	1.5455	22.8
		52.00	96.10	9161.00	1.9231	22.8			89.00	152.80	9217.70	1.5393	22.8
		53.00	97.20	9162.10	1.9057	22.8			90.00	155.10	9220.00	1.5333	22.8
		54.00	99.80	9164.70	1.8889	22.8			91.00	154.00	9218.90	1.5275	22.8
		55.00	100.90	9165.80	1.8727	22.8			92.00	158.60	9223.50	1.5217	22.8
		56.00	100.90	9165.80	1.8571	22.8			93.00	157.40	9222.30	1.5161	22.8
		57.00	104.20	9169.10	1.8421	22.8			94.00	162.10	9227.00	1.5106	22.8
		58.00	106.50	9171.40	1.8276	22.8			95.00	166.70	9231.60	1.5053	22.8
		59.00	110.00	9174.90	1.8136	22.8			96.00	167.80	9232.70	1.5000	22.8
		60.00	111.10	9176.00	1.8000	22.8			97.00	175.90	9240.80	1.4948	22.8
		61.00	115.80	9180.70	1.7869	22.8			98.00	177.10	9242.00	1.4898	22.8



Drill Stem Testing - Time / Pressure Listing

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-09853 DST#: 3
Test Date: 08/08/2000 1740hrs

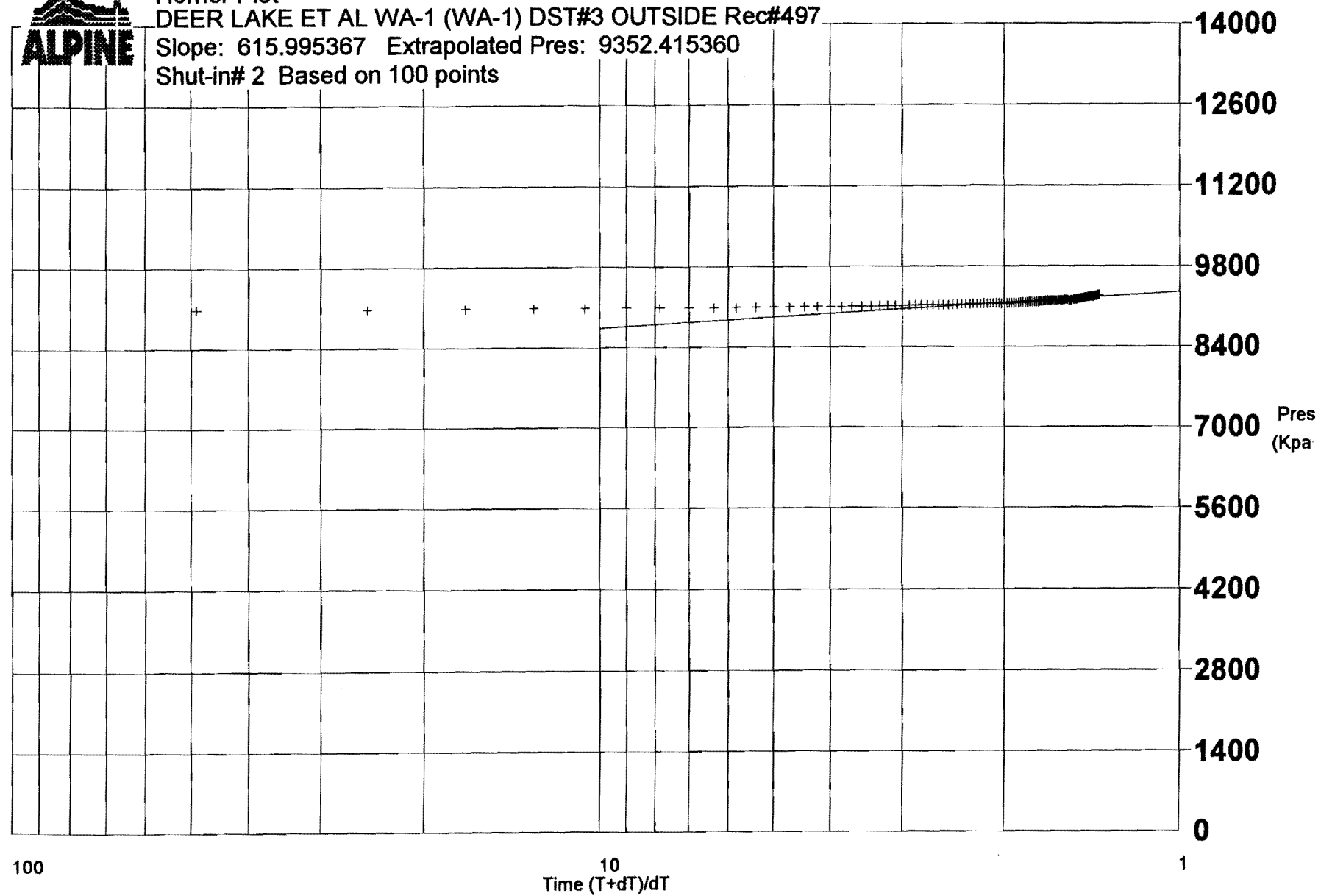
Well Name: DEER LAKE ET AL WA-1
Location: WA-1

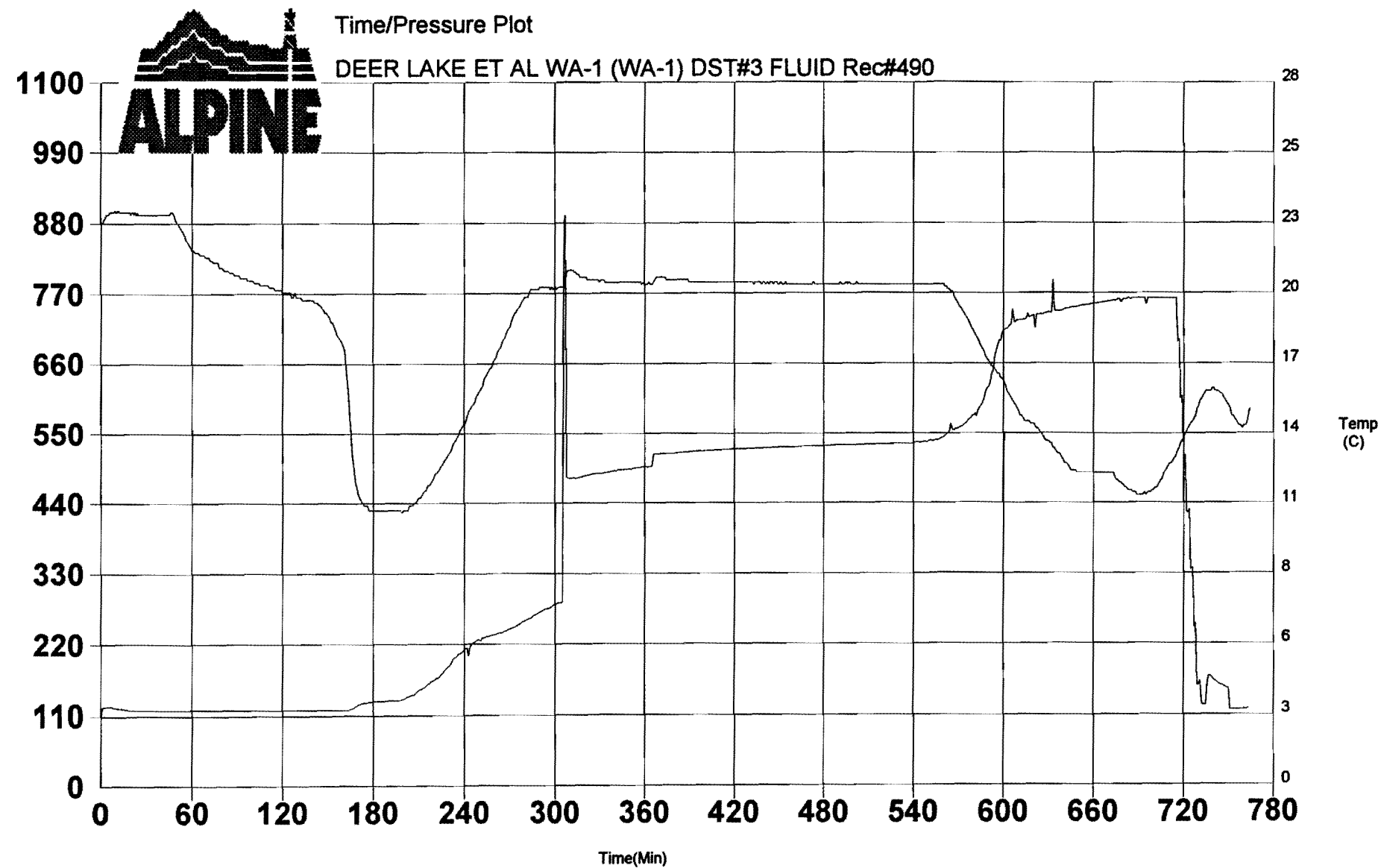
Contact: STAN PODULSKY

Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
		99.00	179.40	9244.30	1.4848	22.8
		100.00	182.90	9247.80	1.4800	22.8
		101.00	181.70	9246.60	1.4752	22.8
		102.00	185.20	9250.10	1.4706	22.8
		103.00	188.70	9253.60	1.4660	22.8
		104.00	192.20	9257.10	1.4615	22.8
		105.00	193.30	9258.20	1.4571	22.8
		106.00	197.90	9262.80	1.4528	22.8
		107.00	201.40	9266.30	1.4486	22.8
		108.00	202.60	9267.50	1.4444	22.8
		109.00	204.90	9269.80	1.4404	22.8
		110.00	207.20	9272.10	1.4364	22.8
		111.00	207.20	9272.10	1.4324	22.8
		112.00	210.70	9275.60	1.4286	22.8
		113.00	214.10	9279.00	1.4248	22.8
		114.00	211.80	9276.70	1.4211	22.8
		115.00	215.50	9280.40	1.4174	22.8
		116.00	215.50	9280.40	1.4138	22.8
		117.00	215.50	9280.40	1.4103	22.8
		118.00	216.60	9281.50	1.4068	22.8
		119.00	217.60	9282.50	1.4034	22.8
		120.00	218.80	9283.70	1.4000	22.8
		121.00	221.10	9286.00	1.3967	22.8
		122.00	224.60	9289.50	1.3934	22.8
		123.00	224.60	9289.50	1.3902	22.8
		124.00	229.20	9294.10	1.3871	22.8
		125.00	230.30	9295.20	1.3840	22.8
		126.00	235.20	9300.10	1.3810	22.8
		127.00	235.20	9300.10	1.3780	22.8
G	End of 2nd Shutin	128.00	236.30	9301.20	1.3750	22.8
Q	Final Hydrostatic	0.00	0.00	8838.30		22.8

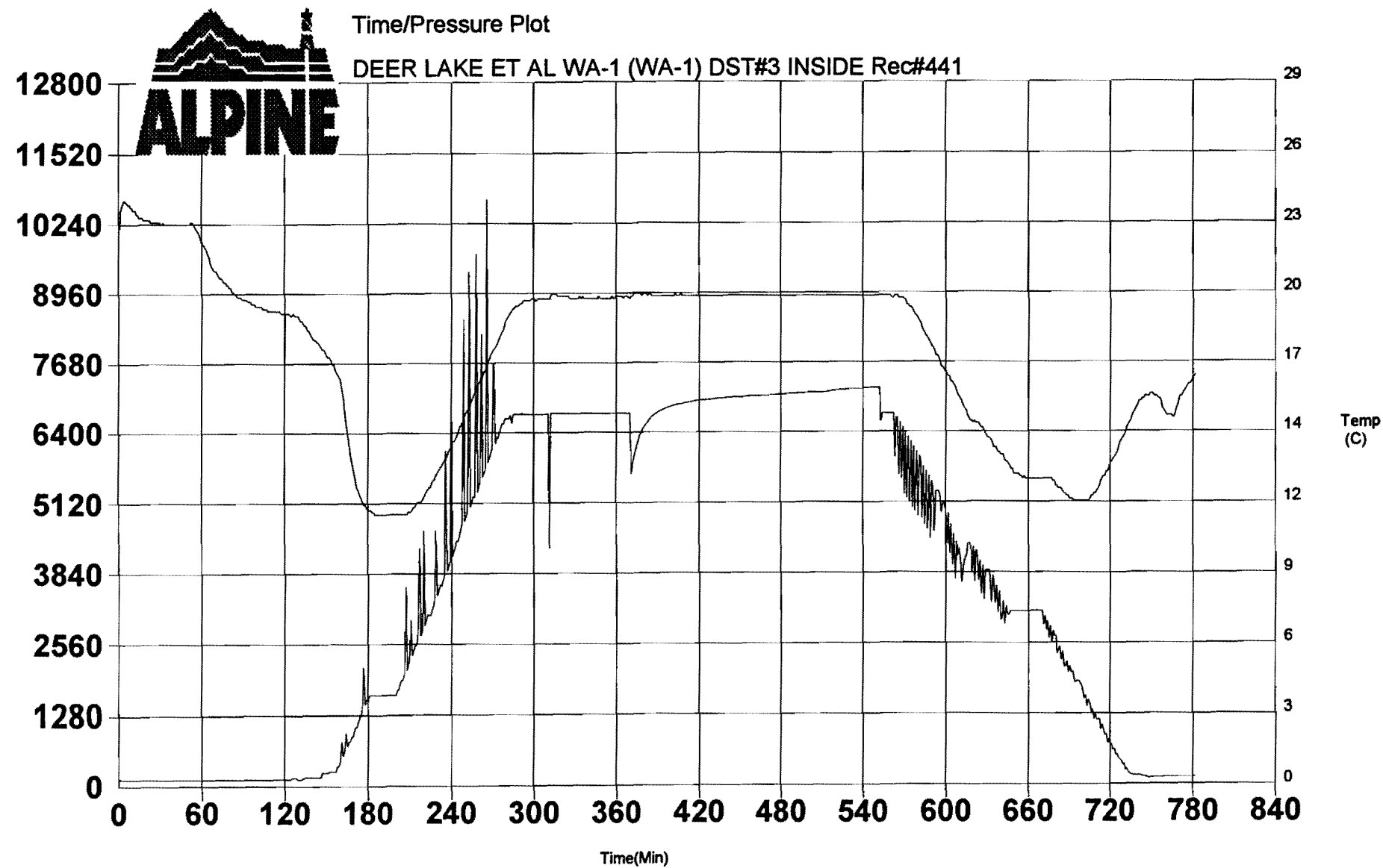


Horner Plot
DEER LAKE ET AL WA-1 (WA-1) DST#3 OUTSIDE Rec#497
Slope: 615.995367 Extrapolated Pres: 9352.415360
Shut-in# 2 Based on 100 points

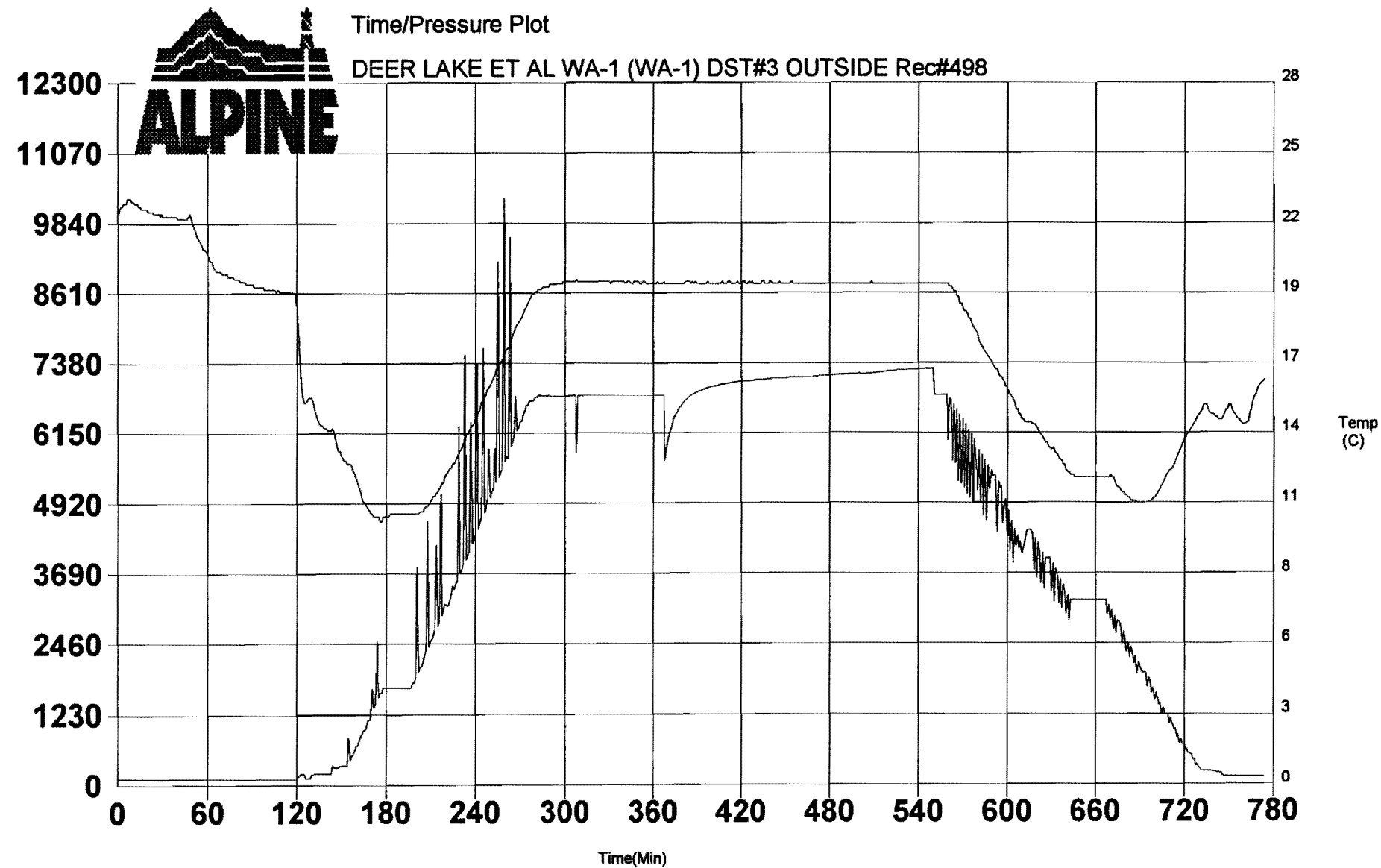




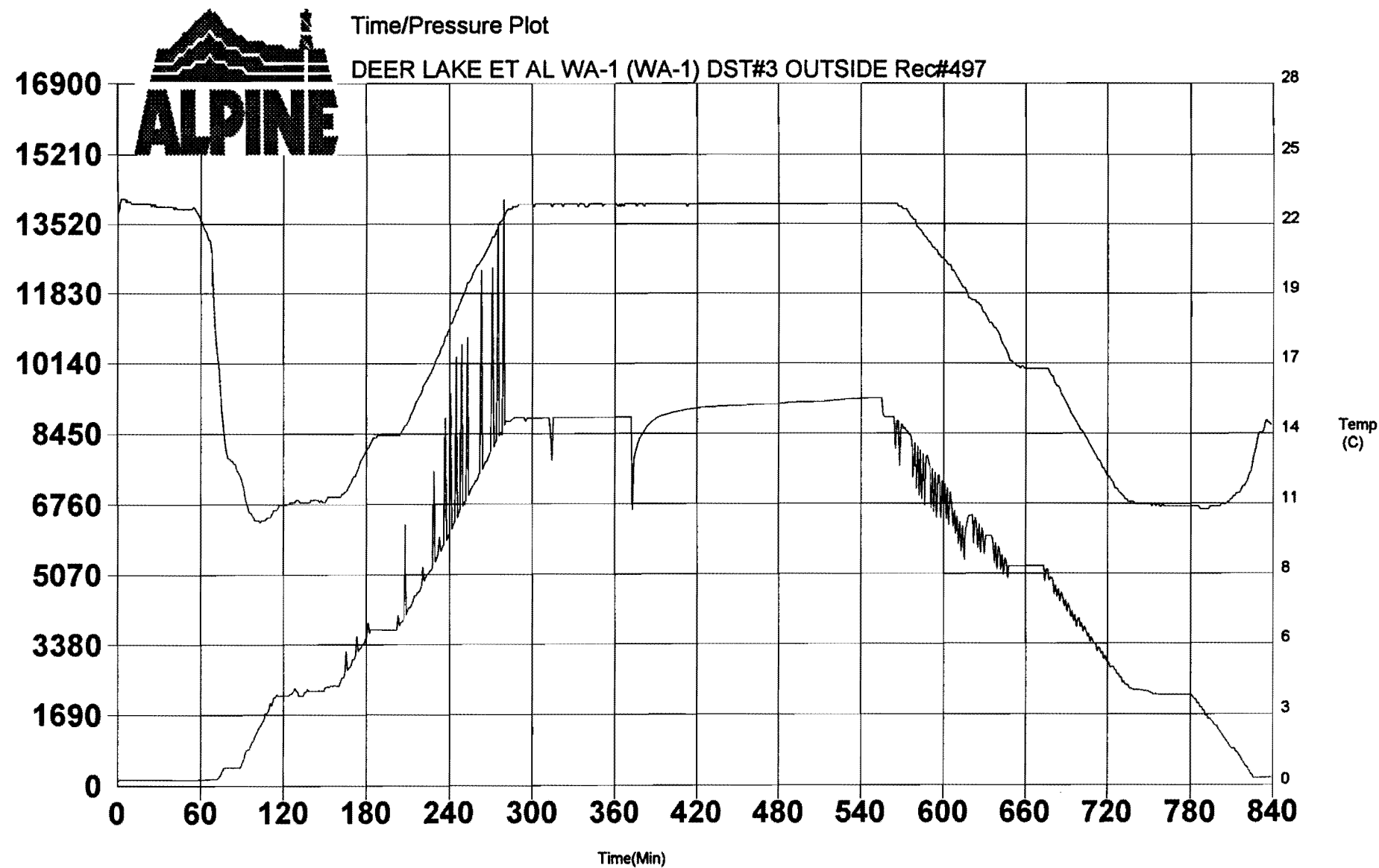
A Initial Hydrostatic - 281
E Start of 2nd Flow - 498
F End of 2nd Flow - 524
G End of 2nd Shutin - 532
Q Final Hydrostatic - 532



A Initial Hydrostatic - 6741
E Start of 2nd Flow - 5637
F End of 2nd Flow - 6980
G End of 2nd Shutin - 7207
Q Final Hydrostatic - 6742



A Initial Hydrostatic - 6798
E Start of 2nd Flow - 5666
F End of 2nd Flow - 7042
G End of 2nd Shutin - 7271
Q Final Hydrostatic - 6815



A Initial Hydrostatic - 8827
E Start of 2nd Flow - 6620
F End of 2nd Flow - 9065
G End of 2nd Shutin - 9301
Q Final Hydrostatic - 8838



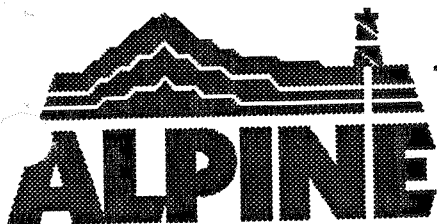
Drill Stem Test Report

Prepared for: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Well Name: DEER LAKE ET AL WA-1
Location: WA-1

Test Date: 12/01/2000

Job Ticket #: D2-08937 DST#: 4



Drill Stem Testing Report

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Contact: STAN PODULSKY

Job Ticket #: D2-08937

DST#: 4

Test Date: 12/01/2000 300hrs

Well Name: DEER LAKE ET AL WA-1

Location: WA-1

General Information:

Test Type: CONV. BOTTOM HOLE
Interval: 1425.00m - 1522.00m
Formation: LOWER NORTHBROOK
KB Elevation: 92.50m
Ground Elevation: 90.00m
Total Depth: 1522.00m
Test Mode: Gas

Tester: G. TAYLOR
Truck No.: NFLD. SLIM
Contractor: LOGAN DRILLING LTD.
Rig No.: 50
Hole Diameter: 76mm
Hole Condition: GOOD
Bottom Hole Temperature: 34.90 C

Electronic Recorder Information:

OUTSIDE Recorder #: 509	FLUID Recorder #: 510
Range: 35000 kPa	Range: 35000 kPa
Depth: 1430.19 m	Depth: 1419.74 m
Flag Points:	Time: Pressure:
A Initial Hydrostatic	0.00 14958.4
B Start of 1st Flow	0.00 3139.8
C End of 1st Flow	7.00 2703.5
D End of 1st Shutin	105.00 12861.3
E Start of 2nd Flow	0.00 3104.5
F End of 2nd Flow	81.00 3112.6
G End of 2nd Shutin	189.00 11520.6
Q Final Hydrostatic	0.00 14861.8

Test Run Information:

Start Time: 300hrs
Reached Test Depth: 1235hrs
Pull Out Time: 1900hrs
Tool Out Of Hole: 245hrs

Weight set on Packers: 3500.00daN
Weight to free Packers: 3500.00daN
Initial String Weight: 3500.00daN
Unseated String Weight: 3500.00daN

Tool Chased Dist: 0.00m Water Loss: 0.00cm³
Mud Type: KCL POLYMER Mud Drop: NO
Mud Weight: 1110.00kg/m³ VIS: 35.00S/L
Amount of fill: 0.00m Filter Cake: 0.00mm
Amt of cushion: 100.00M Pump Time: 30min
Type of cushion: H2O Reversed Out: NO

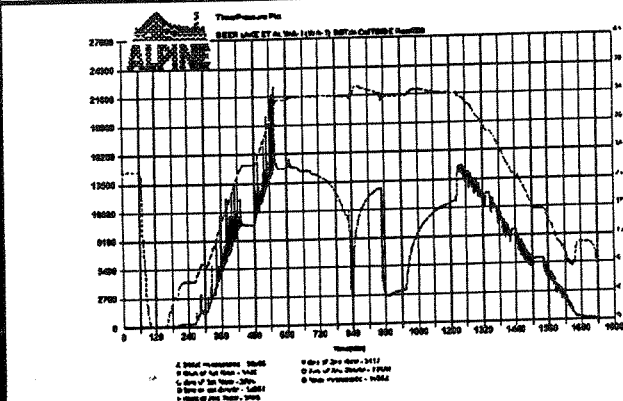
General Remarks:

Mechanically successful. *Test results suggest relatively low permeability within the zone tested.

PREFLOW: Strong air blow throughout. Gas to surface by end of flow, lazy 1.5 meter flare. No gas rates taken for preflow.

FINAL FLOW: Gas to surface immediately.

*** See gas volume charts for gas rates.



Recovery Description:

Total fluid recovery was 234 meters gasified muddy water.

Gas to surface.

Gas Bomb: 1 Sampler: 0
Fluid Sample: 8 Sent to: CORE LAB



Drill Stem Testing - Tool Diagram / Description

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-08937 DST#: 4
Test Date: 12/01/2000 300hrs

Well Name: DEER LAKE ET AL WA-1

Contact: STAN PODULSKY

Location: WA-1

Conventional Bottomhole

Drill Collar Stands: 0

Drill Collar Singles: 0

Drill Pipe Stands: 0

Drill Pipe Singles: 0

Heavy Wt. Pipe Stands: 0

Heavy Wt. Pipe Singles: 0

Total Drill Collars/Pipe and Tools: 7.05m

Total Drill Pipe Above K.B.: 2.00m

Total Depth: 1522m

7.05m

Tool / Drill Stem Information:

Tool Weight: 2000.00 daN

Drill Collar Inside Diameter: 0.00 mm

Drill Collar Total Length: 0.00 m

Drill Pipe Inside Diameter: 60.30 mm

Drill Pipe Total Length: 0.00 m

Heavy Weight Pipe Diameter: 0.00 mm

Heavy Weight Pipe Length: 0.00 m

Bottom Choke Diameter: 12.70 mm

Number of Packers: 2 Dia.: 70.00 mm

Depth:
1425.00m

Tool Remarks:

NOTE -

Slight plugging indicated in the flare line at the start of final flow.

97.50m

Total Depth: 1522.00m

Item	Length
P.O. Sub	0.24
C.O. Sub	0.15
REC#510	1.40
S.I.Tool	1.37
REC#431	1.40
Safety Joint	0.67
Packer	1.30
Packer	0.52
Stubb	0.75
Perf	3.04
ASE Carrier	1.40
REC#509	
Perf	3.66
C.O. Sub	0.15
Drill Pipe	87.00
C.O. Sub	0.15
Perf	1.20
Bullnose	0.15

104.6



Drill Stem Testing - Gas Recovery Measurements

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-08937 DST#: 4

Test Date: 12/01/2000 300hrs

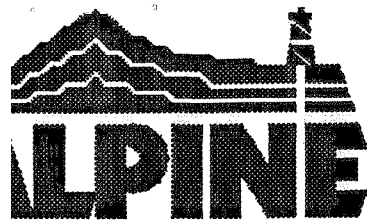
Well Name: DEER LAKE ET AL WA-1

Contact: STAN PODULSKY

Location: WA-1

Gas Measurements for Flow # 2

Time (min.)	Gas Recovery Measured With:		Critical Flow
	Orifice (mm)	Pressure(kPa)	Rate (m ³ /d)
20	12.70	60	2935.00
25	12.70	40	2335.00
30	6.35	65	823.00
35	6.35	80	922.00
40	6.35	100	1061.00
45	6.35	115	1158.00
50	6.35	120	1188.00
55	6.35	120	1188.00
60	6.35	110	1128.00
65	6.35	105	1054.00
70	6.35	100	1061.00
75	6.35	90	995.00
80	6.35	80	922.00



Drill Stem Testing - Time / Pressure Listing

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

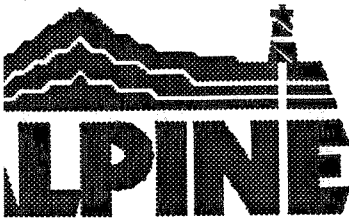
Job Ticket #: D2-08937 DST#: 4
Test Date: 12/01/2000 300hrs

Well Name: DEER LAKE ET AL WA-1

Contact: STAN PODULSKY

Location: WA-1

Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)	Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
Initial Hydrostatic	0.00	0.00	14958.40		34.4			29.00	7803.80	10507.30	1.2414	35.7
Start of 1st Flow	0.00	0.00	3139.80		34.0			30.00	7875.00	10578.50	1.2333	35.6
	1.00	-179.40	2960.40		34.0			31.00	7945.00	10648.50	1.2258	35.6
	2.00	-206.60	2933.20		34.0			32.00	8013.90	10717.40	1.2188	35.6
	3.00	-293.90	2845.90		34.0			33.00	8081.00	10784.50	1.2121	35.6
	4.00	-360.50	2779.30		34.1			34.00	8146.40	10849.90	1.2059	35.5
	5.00	-427.00	2712.80		34.1			35.00	8210.10	10913.60	1.2000	35.5
	6.00	-461.20	2678.60		34.1			36.00	8271.40	10974.90	1.1944	35.5
End of 1st Flow	7.00	-436.30	2703.50		34.1			37.00	8330.40	11033.90	1.1892	35.5
	1.00	467.00	3170.50	8.0000	34.1			38.00	8389.40	11092.90	1.1842	35.5
	2.00	1576.30	4279.80	4.5000	34.2			39.00	8446.20	11149.70	1.1795	35.5
	3.00	2329.70	5033.20	3.3333	34.3			40.00	8500.00	11203.50	1.1750	35.4
	4.00	2960.40	5663.90	2.7500	34.5			41.00	8552.60	11256.10	1.1707	35.4
	5.00	3483.60	6187.10	2.4000	34.6			42.00	8604.70	11308.20	1.1667	35.4
	6.00	3930.90	6634.40	2.1667	34.9			43.00	8653.90	11357.40	1.1628	35.4
	7.00	4355.00	7058.50	2.0000	35.0			44.00	8702.50	11406.00	1.1591	35.4
	8.00	4739.80	7443.30	1.8750	35.2			45.00	8748.20	11451.70	1.1556	35.4
	9.00	5058.70	7762.20	1.7778	35.4			46.00	8792.20	11495.70	1.1522	35.4
	10.00	5320.80	8024.30	1.7000	35.5			47.00	8836.20	11539.70	1.1489	35.3
	11.00	5541.90	8245.40	1.6364	35.6			48.00	8879.00	11582.50	1.1458	35.3
	12.00	5738.00	8441.50	1.5833	35.7			49.00	8919.50	11623.00	1.1429	35.3
	13.00	5927.20	8630.70	1.5385	35.7			50.00	8960.60	11664.10	1.1400	35.3
	14.00	6106.60	8810.10	1.5000	35.8			51.00	8998.20	11701.70	1.1373	35.3
	15.00	6276.20	8979.70	1.4667	35.8			52.00	9037.60	11741.10	1.1346	35.3
	16.00	6437.60	9141.10	1.4375	35.8			53.00	9074.00	11777.50	1.1321	35.3
	17.00	6593.90	9297.40	1.4118	35.8			54.00	9110.50	11814.00	1.1296	35.3
	18.00	6735.60	9439.10	1.3889	35.8			55.00	9145.80	11849.30	1.1273	35.2
	19.00	6872.20	9575.70	1.3684	35.8			56.00	9180.50	11884.00	1.1250	35.2
	20.00	6994.90	9698.40	1.3500	35.8			57.00	9213.50	11917.00	1.1228	35.2
	21.00	7108.90	9812.40	1.3333	35.8			58.00	9246.40	11949.90	1.1207	35.2
	22.00	7214.20	9917.70	1.3182	35.8			59.00	9276.50	11980.00	1.1186	35.2
	23.00	7314.30	10017.80	1.3043	35.8			60.00	9308.40	12011.90	1.1167	35.2
	24.00	7409.80	10113.30	1.2917	35.7			61.00	9338.50	12042.00	1.1148	35.2
	25.00	7499.50	10203.00	1.2800	35.8			62.00	9368.50	12072.00	1.1129	35.2
	26.00	7582.20	10285.70	1.2692	35.7			63.00	9396.90	12100.40	1.1111	35.2
	27.00	7658.60	10362.10	1.2593	35.7			64.00	9424.70	12128.20	1.1094	35.1
	28.00	7729.80	10433.30	1.2500	35.7			65.00	9450.70	12154.20	1.1077	35.1



Drill Stem Testing - Time / Pressure Listing

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

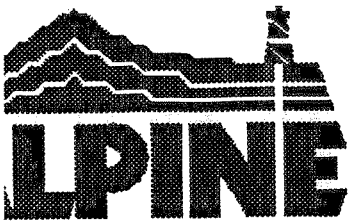
Job Ticket #: D2-08937
Test Date: 12/01/2000 300hrs
DST#: 4

Well Name: DEER LAKE ET AL WA-1

Contact: STAN PODULSKY

Location: WA-1

Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)	Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
	66.00	9476.80	12180.30	1.1061	35.1			103.00	10132.40	12835.90	1.0680	34.7
	67.00	9501.60	12205.10	1.1045	35.1			104.00	10145.70	12849.20	1.0673	34.7
	68.00	9525.90	12229.40	1.1029	35.1	D	End of 1st Shutin	105.00	10157.80	12861.30	1.0667	34.7
	69.00	9549.70	12253.20	1.1014	35.1	E	Start of 2nd Flow	0.00	0.00	3104.50		33.8
	70.00	9573.40	12276.90	1.1000	35.1			1.00	-107.00	2997.50		33.9
	71.00	9596.00	12299.50	1.0986	35.1			2.00	-214.70	2889.80		33.9
	72.00	9619.70	12323.20	1.0972	35.0			3.00	-269.10	2835.40		34.0
	73.00	9641.70	12345.20	1.0959	35.0			4.00	-280.60	2823.90		34.0
	74.00	9663.70	12367.20	1.0946	35.0			5.00	-315.90	2788.60		34.0
	75.00	9685.10	12388.60	1.0933	35.0			6.00	-366.90	2737.60		34.0
	76.00	9704.70	12408.20	1.0921	35.0			7.00	-423.00	2681.50		34.1
	77.00	9726.20	12429.70	1.0909	35.0			8.00	-458.30	2646.20		34.1
	78.00	9745.80	12449.30	1.0897	35.0			9.00	-475.60	2628.90		34.1
	79.00	9763.20	12466.70	1.0886	35.0			10.00	-479.70	2624.80		34.1
	80.00	9783.40	12486.90	1.0875	35.0			11.00	-486.60	2617.90		34.1
	81.00	9800.80	12504.30	1.0864	35.0			12.00	-498.20	2606.30		34.2
	82.00	9819.30	12522.80	1.0854	35.0			13.00	-502.80	2601.70		34.1
	83.00	9836.70	12540.20	1.0843	34.9			14.00	-495.90	2608.60		34.1
	84.00	9854.00	12557.50	1.0833	35.0			15.00	-499.90	2604.60		34.2
	85.00	9871.40	12574.90	1.0824	35.0			16.00	-497.60	2606.90		34.1
	86.00	9887.60	12591.10	1.0814	35.0			17.00	-507.50	2597.00		34.2
	87.00	9903.80	12607.30	1.0805	34.9			18.00	-512.70	2591.80		34.2
	88.00	9919.40	12622.90	1.0795	34.9			19.00	-524.80	2579.70		34.1
	89.00	9935.10	12638.60	1.0787	34.9			20.00	-513.80	2590.70		34.2
	90.00	9950.70	12654.20	1.0778	34.9			21.00	-510.90	2593.60		34.1
	91.00	9965.70	12669.20	1.0769	34.9			22.00	-507.50	2597.00		34.1
	92.00	9981.30	12684.80	1.0761	34.9			23.00	-475.10	2629.40		34.1
	93.00	9996.40	12699.90	1.0753	34.9			24.00	-421.80	2682.70		34.1
	94.00	10011.40	12714.90	1.0745	34.7			25.00	-395.80	2708.70		34.1
	95.00	10025.90	12729.40	1.0737	34.7			26.00	-363.40	2741.10		34.2
	96.00	10038.60	12742.10	1.0729	34.9			27.00	-343.70	2760.80		34.1
	97.00	10052.50	12756.00	1.0722	34.7			28.00	-314.80	2789.70		34.1
	98.00	10067.60	12771.10	1.0714	34.7			29.00	-298.60	2805.90		34.1
	99.00	10081.50	12785.00	1.0707	34.7			30.00	-288.70	2815.80		34.1
	100.00	10094.20	12797.70	1.0700	34.7			31.00	-280.60	2823.90		34.1
	101.00	10106.90	12810.40	1.0693	34.7			32.00	-266.70	2837.80		34.2
	102.00	10120.00	12822.70	1.0686	34.7			33.00	-255.20	2849.30		34.1



Drill Stem Testing - Time / Pressure Listing

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-08937
Test Date: 12/01/2000 300hrs
DST#: 4

Well Name: DEER LAKE ET AL WA-1

Contact: STAN PODULSKY

Location: WA-1

Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)	Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
	34.00	-252.30	2852.20		34.1			71.00	-57.80	3046.70		34.1
	35.00	-243.60	2860.90		34.1			72.00	-51.50	3053.00		34.1
	36.00	-237.20	2867.30		34.1			73.00	-41.10	3063.40		34.1
	37.00	-225.70	2878.80		34.1			74.00	-33.50	3071.00		34.1
	38.00	-217.60	2886.90		34.1			75.00	-30.60	3073.90		34.1
	39.00	-208.30	2896.20		34.1			76.00	-23.10	3081.40		34.1
	40.00	-206.60	2897.90		34.1			77.00	-11.60	3092.90		34.1
	41.00	-197.30	2907.20		34.1			78.00	-4.00	3100.50		34.1
	42.00	-189.20	2915.30		34.1			79.00	2.30	3106.80		34.1
	43.00	-181.10	2923.40		34.1			80.00	8.10	3112.60		34.1
	44.00	-175.90	2928.60		34.1	F	End of 2nd Flow	81.00	8.10	3112.60		34.1
	45.00	-168.40	2936.10		34.1			1.00	341.40	3454.00	89.0000	34.1
	46.00	-164.90	2939.60		34.1			2.00	752.90	3865.50	45.0000	34.1
	47.00	-163.20	2941.30		34.1			3.00	1115.10	4227.70	30.3333	34.2
	48.00	-149.90	2954.60		34.1			4.00	1390.50	4503.10	23.0000	34.3
	49.00	-145.80	2958.70		34.1			5.00	1623.20	4735.80	18.6000	34.3
	50.00	-142.30	2962.20		34.1			6.00	1838.40	4951.00	15.6667	34.4
	51.00	-140.00	2964.50		34.1			7.00	2025.30	5137.90	13.5714	34.4
	52.00	-141.20	2963.30		34.1			8.00	2198.40	5311.00	12.0000	34.5
	53.00	-135.40	2969.10		34.1			9.00	2362.10	5474.70	10.7778	34.5
	54.00	-130.80	2973.70		34.1			10.00	2516.60	5629.20	9.8000	34.6
	55.00	-125.50	2979.00		34.1			11.00	2653.20	5765.80	9.0000	34.6
	56.00	-119.20	2985.30		34.1			12.00	2785.10	5897.70	8.3333	34.6
	57.00	-113.40	2991.10		34.1			13.00	2905.50	6018.10	7.7692	34.6
	58.00	-108.20	2996.30		34.1			14.00	3022.40	6135.00	7.2857	34.7
	59.00	-104.70	2999.80		34.1			15.00	3137.50	6250.10	6.8667	34.7
	60.00	-101.20	3003.30		34.1			16.00	3241.70	6354.30	6.5000	34.7
	61.00	-99.50	3005.00		34.1			17.00	3344.70	6457.30	6.1765	34.7
	62.00	-94.30	3010.20		34.1			18.00	3450.60	6563.20	5.8889	34.9
	63.00	-84.80	3019.70		34.1			19.00	3554.20	6666.80	5.6316	34.9
	64.00	-84.80	3019.70		34.1			20.00	3653.10	6765.70	5.4000	34.9
	65.00	-84.20	3020.30		34.1			21.00	3744.00	6856.60	5.1905	34.9
	66.00	-78.10	3026.40		34.1			22.00	3834.80	6947.40	5.0000	35.0
	67.00	-72.30	3032.20		34.1			23.00	3918.70	7031.30	4.8261	35.0
	68.00	-70.00	3034.50		34.1			24.00	3996.30	7108.90	4.6667	35.0
	69.00	-65.40	3039.10		34.1			25.00	4075.00	7187.60	4.5200	35.0
	70.00	-59.60	3044.00		34.1			26.00	4151.90	7264.50	4.3846	35.0



Drill Stem Testing - Time / Pressure Listing

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-08937

DST#: 4

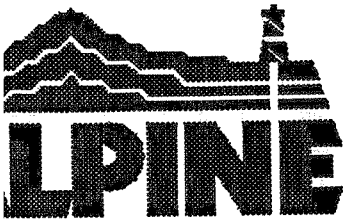
Test Date: 12/01/2000 300hrs

Well Name: DEER LAKE ET AL WA-1

Contact: STAN PODULSKY

Location: WA-1

Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)	Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
	27.00	4226.60	7339.20	4.2593	35.0			64.00	6173.80	9286.40	2.3750	35.0
	28.00	4301.20	7413.80	4.1429	35.0			65.00	6209.10	9321.70	2.3538	35.1
	29.00	4374.10	7486.70	4.0345	35.1			66.00	6245.50	9358.10	2.3333	35.0
	30.00	4446.50	7559.10	3.9333	35.1			67.00	6280.20	9392.80	2.3134	35.1
	31.00	4517.60	7630.20	3.8387	35.1			68.00	6313.80	9426.40	2.2941	35.0
	32.00	4586.50	7699.10	3.7500	35.1			69.00	6347.90	9460.50	2.2754	35.0
	33.00	4653.00	7765.60	3.6667	35.1			70.00	6380.90	9493.50	2.2571	35.0
	34.00	4719.00	7831.60	3.5882	35.1			71.00	6413.30	9525.90	2.2394	35.0
	35.00	4782.70	7895.30	3.5143	35.1			72.00	6445.70	9558.30	2.2222	35.0
	36.00	4844.60	7957.20	3.4444	35.1			73.00	6477.00	9589.60	2.2055	35.0
	37.00	4905.90	8018.50	3.3784	35.2			74.00	6508.20	9620.80	2.1892	35.0
	38.00	4967.30	8079.90	3.3158	35.2			75.00	6538.90	9651.50	2.1733	35.0
	39.00	5026.90	8139.50	3.2564	35.2			76.00	6570.20	9682.80	2.1579	35.0
	40.00	5084.10	8196.70	3.2000	35.2			77.00	6600.80	9713.40	2.1429	35.0
	41.00	5139.10	8251.70	3.1463	35.2			78.00	6630.30	9742.90	2.1282	35.0
	42.00	5194.10	8306.70	3.0952	35.2			79.00	6660.40	9773.00	2.1139	34.9
	43.00	5247.30	8359.90	3.0465	35.2			80.00	6689.90	9802.50	2.1000	34.9
	44.00	5301.10	8413.70	3.0000	35.2			81.00	6718.90	9831.50	2.0864	34.9
	45.00	5353.20	8465.80	2.9556	35.2			82.00	6747.20	9859.80	2.0732	34.9
	46.00	5403.00	8515.60	2.9130	35.2			83.00	6775.00	9887.60	2.0602	34.9
	47.00	5452.80	8565.40	2.8723	35.2			84.00	6802.80	9915.40	2.0476	35.0
	48.00	5500.80	8613.40	2.8333	35.2			85.00	6830.50	9943.10	2.0353	34.9
	49.00	5548.80	8661.40	2.7959	35.2			86.00	6857.70	9970.30	2.0233	34.9
	50.00	5595.10	8707.70	2.7600	35.1			87.00	6884.40	9997.00	2.0115	34.9
	51.00	5640.20	8752.80	2.7255	35.2			88.00	6910.40	10023.00	2.0000	34.9
	52.00	5684.80	8797.40	2.6923	35.1			89.00	6936.40	10049.00	1.9888	34.9
	53.00	5729.40	8842.00	2.6604	35.1			90.00	6961.90	10074.50	1.9778	34.9
	54.00	5773.30	8885.90	2.6296	35.1			91.00	6986.80	10099.40	1.9670	34.9
	55.00	5816.70	8929.30	2.6000	35.1			92.00	7012.20	10124.80	1.9565	34.9
	56.00	5859.00	8971.60	2.5714	35.1			93.00	7037.70	10150.30	1.9462	34.9
	57.00	5900.10	9012.70	2.5439	35.1			94.00	7062.00	10174.60	1.9362	34.7
	58.00	5941.70	9054.30	2.5172	35.1			95.00	7086.30	10198.90	1.9263	34.7
	59.00	5982.80	9095.40	2.4915	35.1			96.00	7108.90	10221.50	1.9167	34.9
	60.00	6022.20	9134.80	2.4667	35.1			97.00	7133.20	10245.80	1.9072	34.9
	61.00	6060.90	9173.50	2.4426	35.1			98.00	7155.80	10268.40	1.8980	34.9
	62.00	6099.10	9211.70	2.4194	35.1			99.00	7178.90	10291.50	1.8889	34.9
	63.00	6137.00	9250.50	2.3968	35.1			100.00	7202.00	10314.60	1.8800	34.7



Drill Stem Testing - Time / Pressure Listing

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-08937
Test Date: 12/01/2000 300hrs

DST#: 4

Well Name: DEER LAKE ET AL WA-1

Contact: STAN PODULSKY

Location: WA-1

Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)	Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
	101.00	7224.00	10336.60	1.8713	34.9			138.00	7851.90	10964.50	1.6377	34.6
	102.00	7246.60	10359.20	1.8627	34.7			139.00	7865.80	10978.40	1.6331	34.6
	103.00	7268.00	10380.60	1.8544	34.7			140.00	7878.50	10991.10	1.6286	34.6
	104.00	7288.80	10401.40	1.8462	34.9			141.00	7890.70	11003.30	1.6241	34.6
	105.00	7309.70	10422.30	1.8381	34.7			142.00	7903.40	11016.00	1.6197	34.6
	106.00	7330.50	10443.10	1.8302	34.9			143.00	7916.10	11028.70	1.6154	34.6
	107.00	7350.80	10463.40	1.8224	34.7			144.00	7928.30	11040.90	1.6111	34.6
	108.00	7370.40	10483.00	1.8148	34.7			145.00	7940.40	11053.00	1.6069	34.6
	109.00	7390.70	10503.30	1.8073	34.7			146.00	7953.20	11065.80	1.6027	34.6
	110.00	7410.40	10523.00	1.8000	34.7			147.00	7965.30	11077.90	1.5986	34.6
	111.00	7429.50	10542.10	1.7928	34.7			148.00	7976.90	11089.50	1.5946	34.6
	112.00	7448.60	10561.20	1.7857	34.7			149.00	7989.00	11101.60	1.5906	34.6
	113.00	7467.70	10580.30	1.7788	34.7			150.00	8000.60	11113.20	1.5867	34.6
	114.00	7485.60	10598.20	1.7719	34.7			151.00	8012.20	11124.80	1.5828	34.6
	115.00	7503.50	10616.10	1.7652	34.7			152.00	8023.70	11136.30	1.5789	34.6
	116.00	7522.00	10634.60	1.7586	34.7			153.00	8035.30	11147.90	1.5752	34.6
	117.00	7540.00	10652.60	1.7521	34.7			154.00	8047.50	11160.10	1.5714	34.5
	118.00	7557.90	10670.50	1.7458	34.7			155.00	8058.50	11171.10	1.5677	34.5
	119.00	7575.30	10687.90	1.7395	34.7			156.00	8069.50	11182.10	1.5641	34.6
	120.00	7592.10	10704.70	1.7333	34.7			157.00	8081.60	11194.20	1.5605	34.5
	121.00	7608.30	10720.90	1.7273	34.7			158.00	8092.60	11205.20	1.5570	34.5
	122.00	7624.50	10737.10	1.7213	34.7			159.00	8103.60	11216.20	1.5535	34.5
	123.00	7640.10	10752.70	1.7154	34.7			160.00	8114.60	11227.20	1.5500	34.5
	124.00	7655.10	10767.70	1.7097	34.7			161.00	8125.60	11238.20	1.5466	34.5
	125.00	7670.80	10783.40	1.7040	34.7			162.00	8136.00	11248.60	1.5432	34.5
	126.00	7685.80	10798.40	1.6984	34.6			163.00	8146.40	11259.00	1.5399	34.5
	127.00	7701.40	10814.00	1.6929	34.6			164.00	8158.60	11271.20	1.5366	34.5
	128.00	7716.50	10829.10	1.6875	34.6			165.00	8169.00	11281.60	1.5333	34.5
	129.00	7730.90	10843.50	1.6822	34.6			166.00	8180.00	11292.60	1.5301	34.5
	130.00	7745.40	10858.00	1.6769	34.6			167.00	8191.00	11303.60	1.5269	34.5
	131.00	7758.70	10871.30	1.6718	34.6			168.00	8201.40	11314.00	1.5238	34.5
	132.00	7773.20	10885.80	1.6667	34.6			169.00	8210.10	11322.70	1.5207	34.5
	133.00	7786.50	10899.10	1.6617	34.6			170.00	8221.70	11334.30	1.5176	34.5
	134.00	7799.80	10912.40	1.6567	34.6			171.00	8232.10	11344.70	1.5146	34.5
	135.00	7813.10	10925.70	1.6519	34.6			172.00	8242.50	11355.10	1.5116	34.5
	136.00	7826.40	10939.00	1.6471	34.6			173.00	8252.30	11364.90	1.5087	34.5
								174.00	8262.70	11375.30	1.5057	34.5



Drill Stem Testing - Time / Pressure Listing

Company: DEER LAKE OIL & GAS
C/O 225 Scarboro Ave. S.W.
CALGARY, AB

Job Ticket #: D2-08937 DST#: 4
Test Date: 12/01/2000 300hrs

Well Name: DEER LAKE ET AL WA-1
Location: WA-1

Contact: STAN PODULSKY

Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
		175.00	8272.60	11385.20	1.5029	34.5
		176.00	8283.00	11395.60	1.5000	34.5
		177.00	8292.80	11405.40	1.4972	34.5
		178.00	8303.20	11415.80	1.4944	34.5
		179.00	8313.10	11425.70	1.4916	34.5
		180.00	8321.80	11434.40	1.4889	34.5
		181.00	8332.20	11444.80	1.4862	34.5
		182.00	8342.60	11455.20	1.4835	34.5
		183.00	8351.90	11464.50	1.4809	34.5
		184.00	8361.70	11474.30	1.4783	34.5
		185.00	8370.90	11483.50	1.4757	34.5
		186.00	8380.80	11493.40	1.4731	34.5
		187.00	8390.00	11502.60	1.4706	34.5
		188.00	8398.70	11511.30	1.4681	34.5
G	End of 2nd Shutin	189.00	8408.00	11520.60	1.4656	34.5
Q	Final Hydrostatic	0.00	0.00	14861.80		33.9

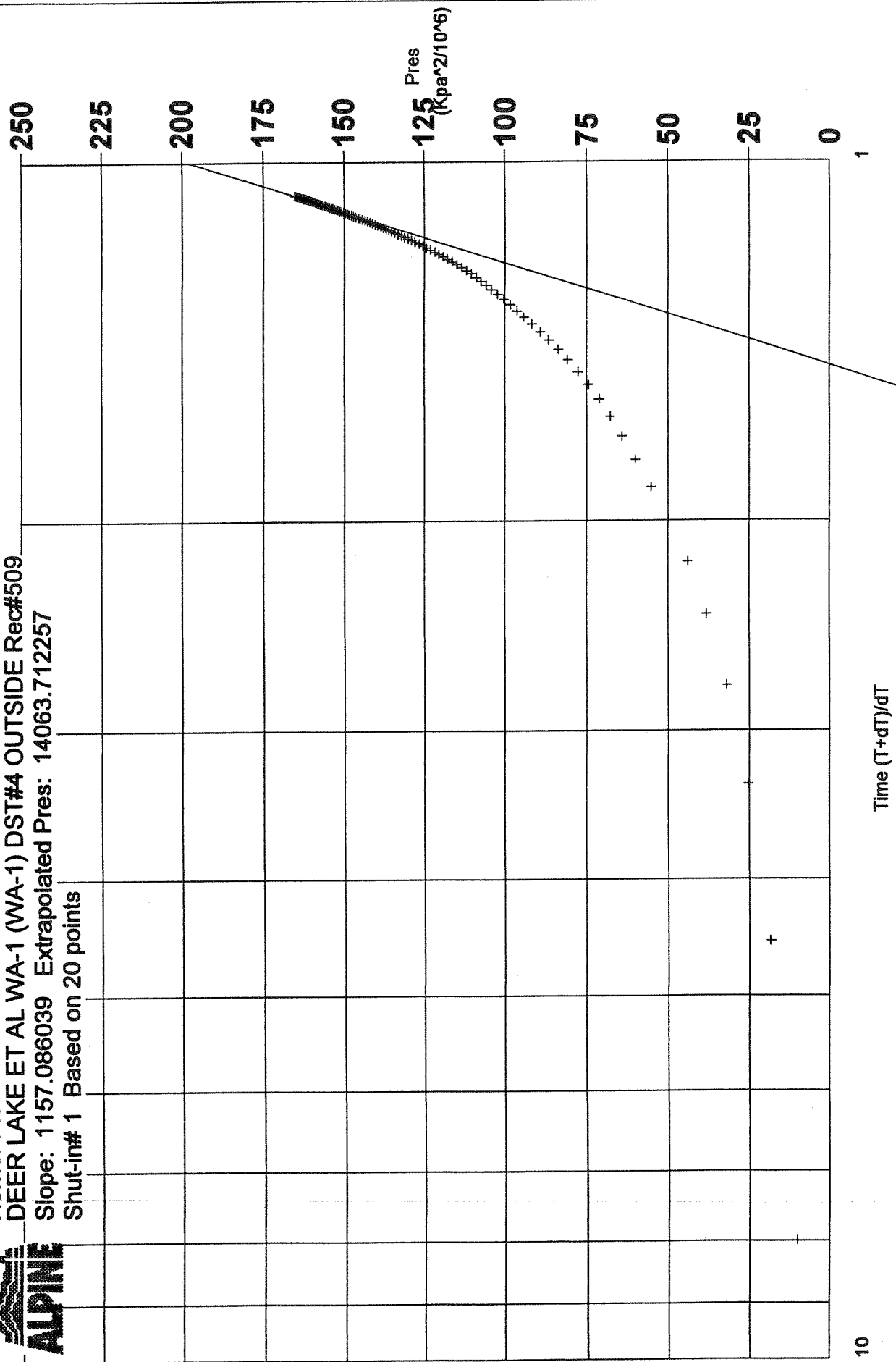


Homer Plot

DEER LAKE ET AL WA-1 (WA-1) DST#4 OUTSIDE Rec#509

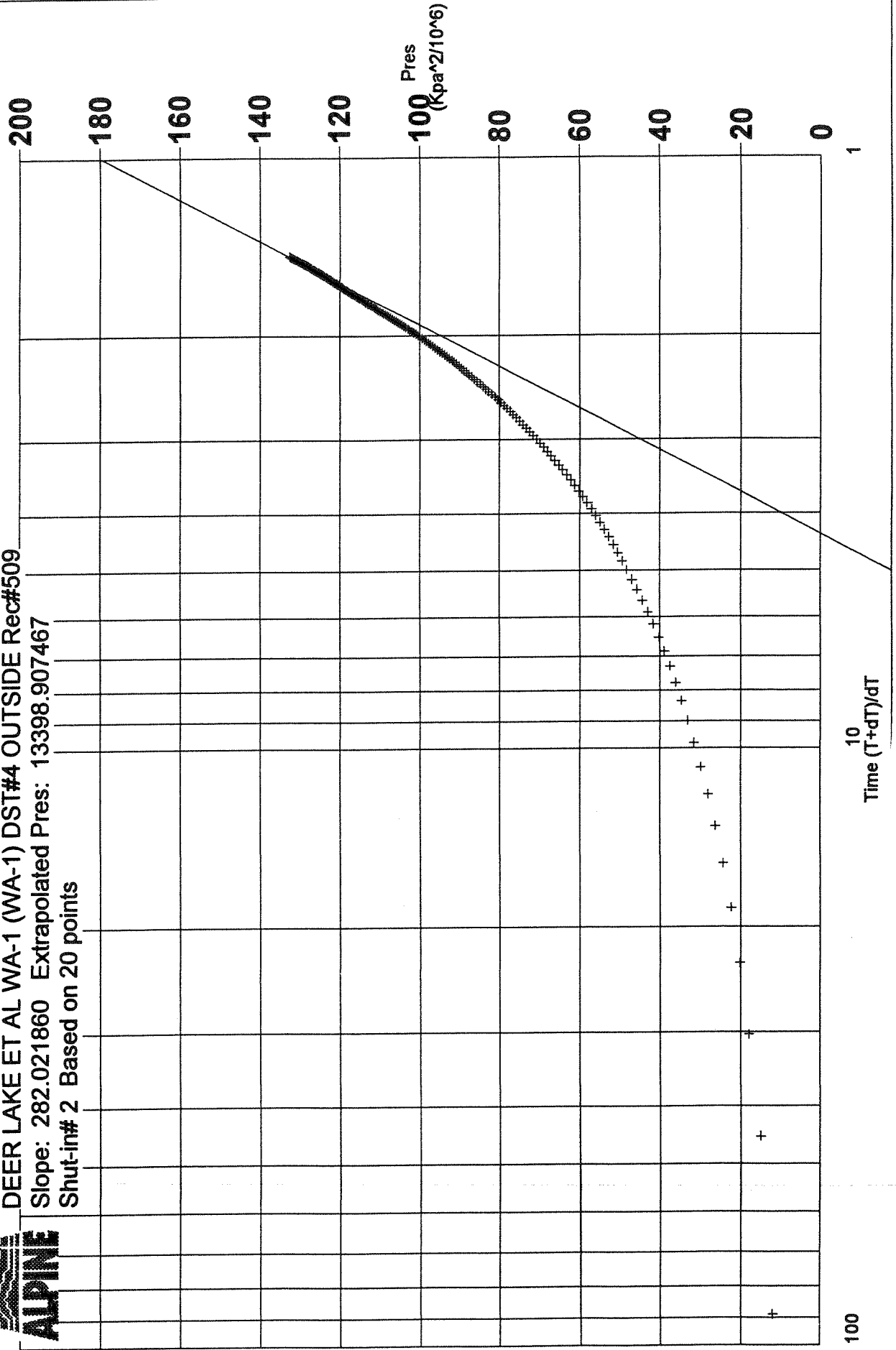
Slope: 1157.086039 Extrapolated Pres: 14063.712257

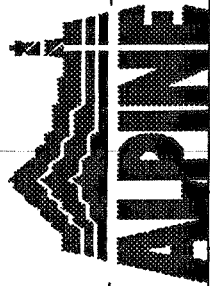
Shut-in# 1 Based on 20 points





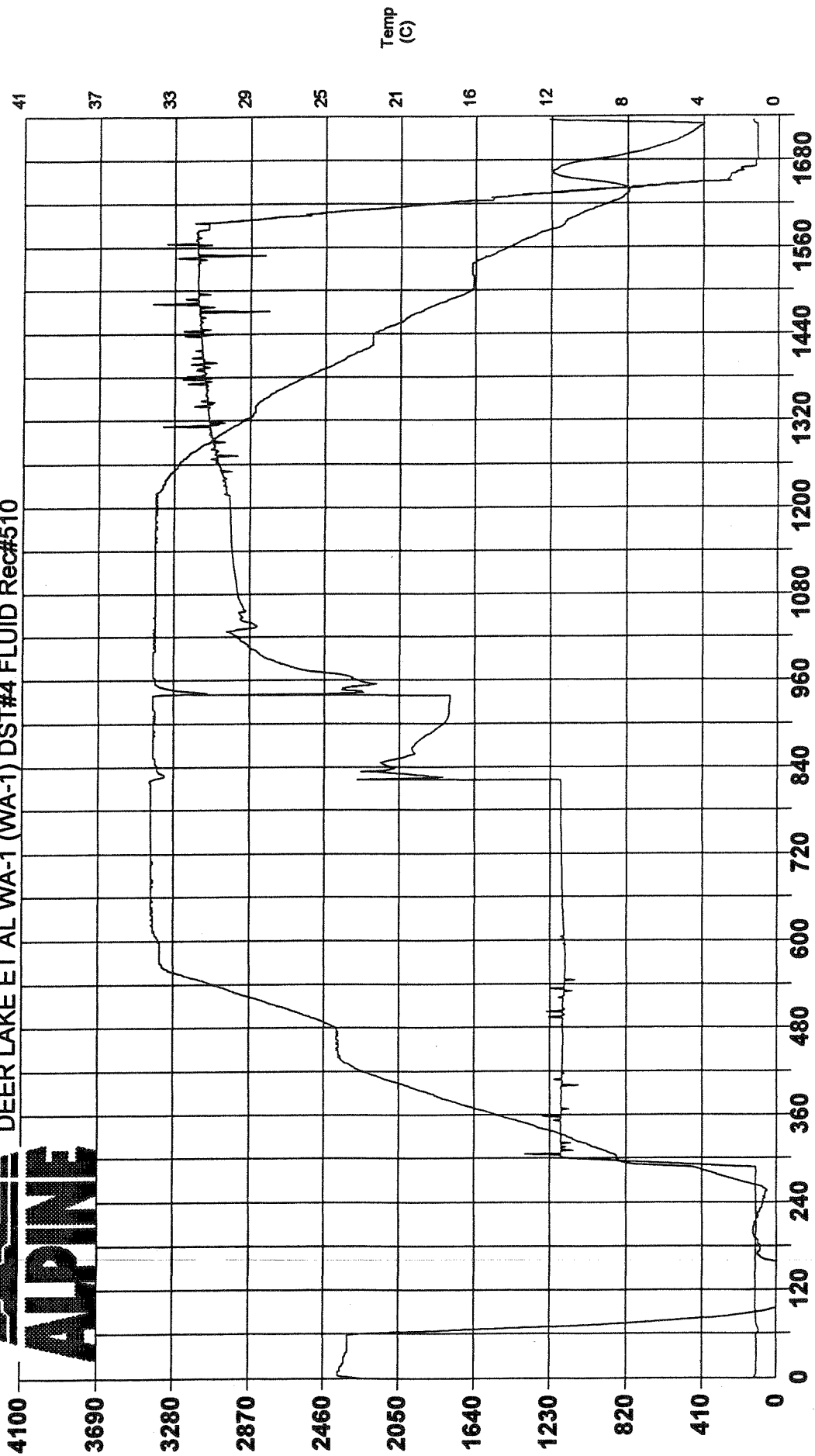
Homer Plot
DEER LAKE ET AL WA-1 (WA-1) DST#4 OUTSIDE Rec#509
Slope: 282.021860 Extrapolated Pres: 13398.907467
Shut-in# 2 Based on 20 points





Time/Pressure Plot

DEER LAKE ET AL WA-1 (WA-1) DST#4 FLUID Rec#510



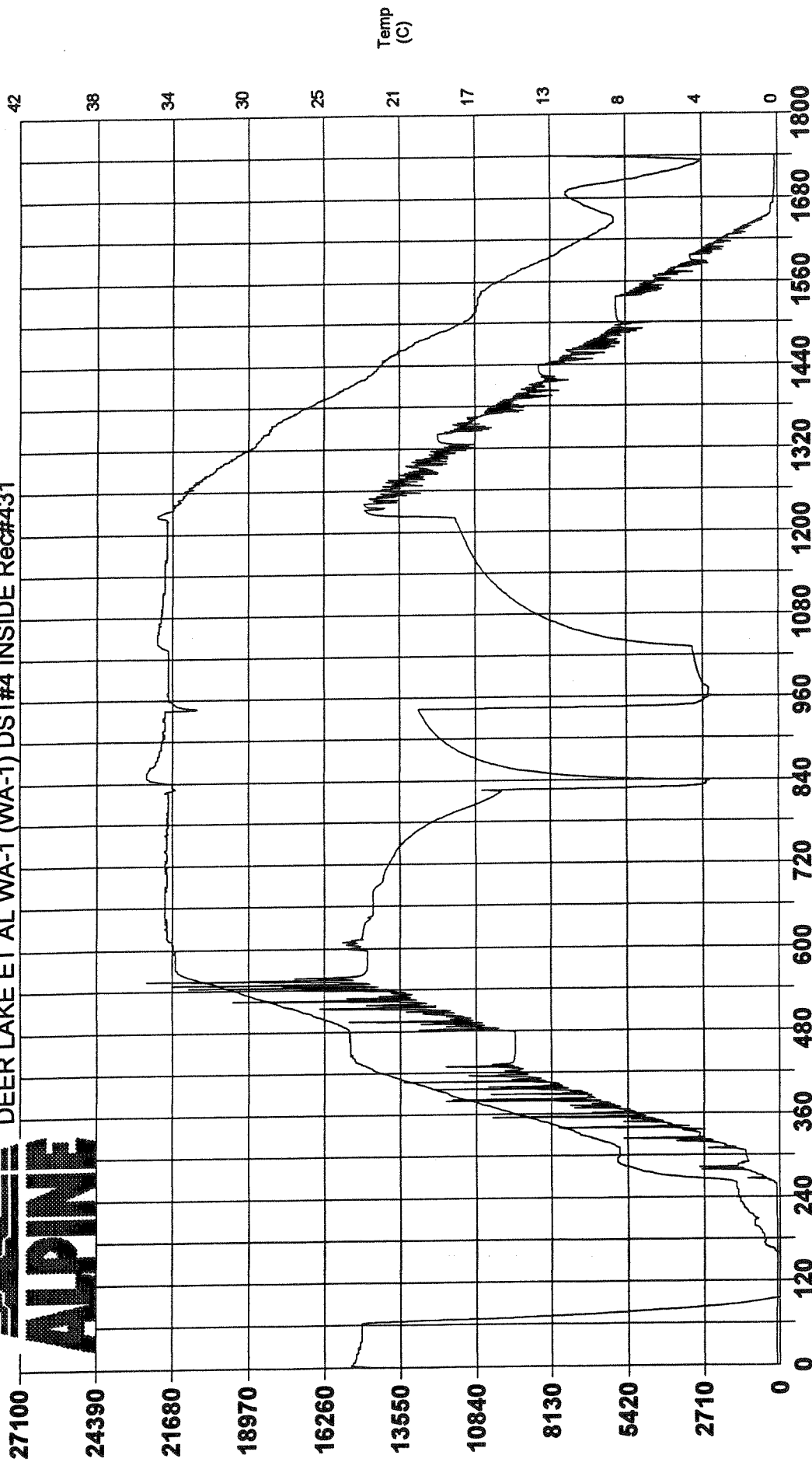
Time(Min)

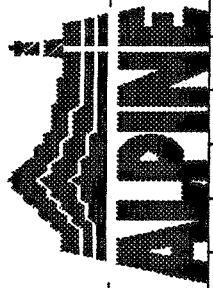
- A Initial Hydrostatic - 1173
- B Start of 1st Flow - 1175
- C End of 1st Flow - 2262
- D End of 1st Shutin - 1772
- E Start of 2nd Flow - 2249
- F End of 2nd Flow - 2890
- G End of 2nd Shutin - 2978
- Q Final Hydrostatic - 2979



Time/Pressure Plot

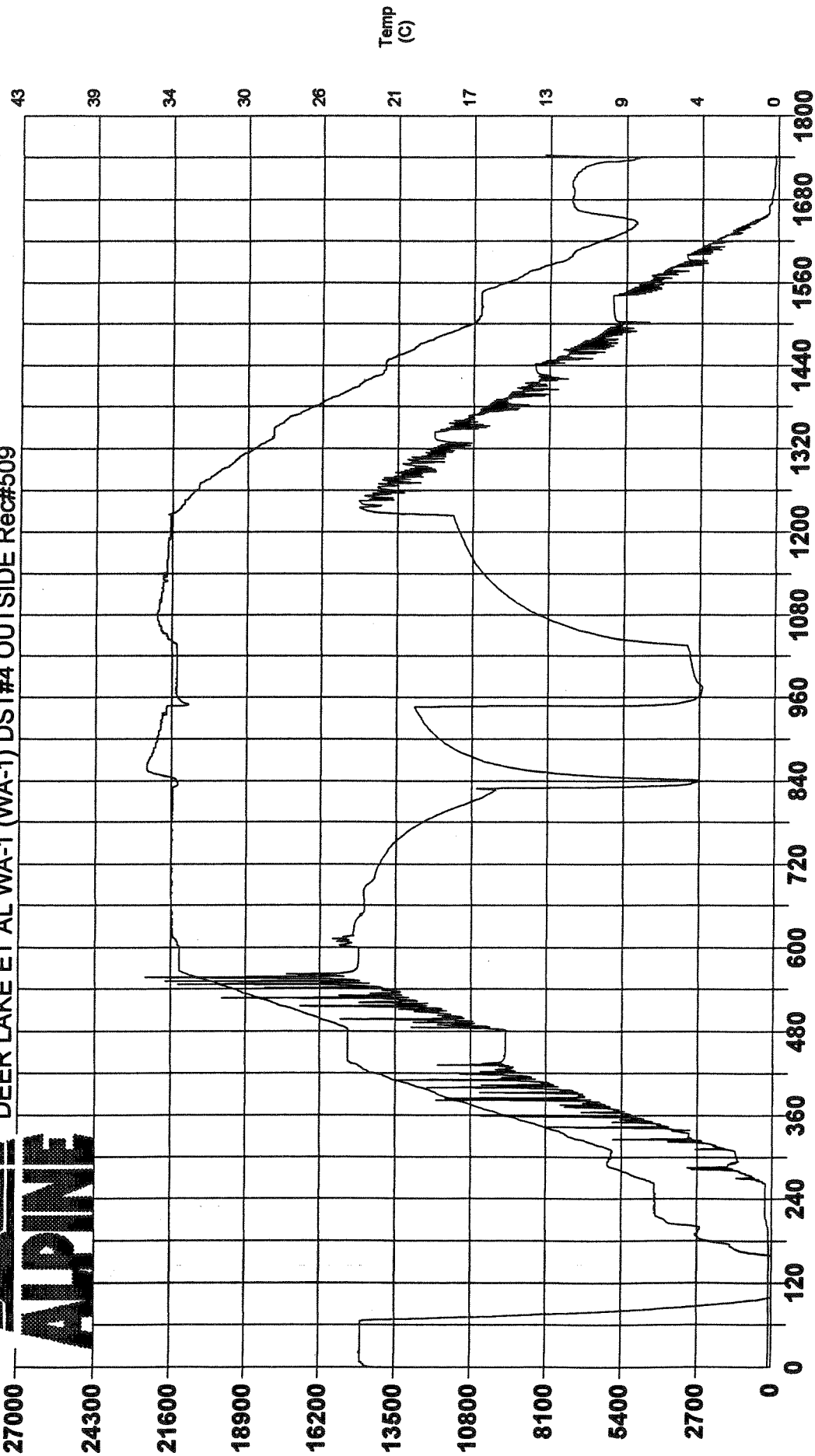
DEER LAKE ET AL WA-1 (WA-1) DST#4 INSIDE Rec#431





Time/Pressure Plot

DEER LAKE ET AL WA-1 (WA-1) DST#4 OUTSIDE Rec#509



Time(Min)

- A Initial Hydrostatic - 14958
- B Start of 1st Flow - 3140
- C End of 1st Flow - 2704
- D End of 1st Shutin - 12861
- E Start of 2nd Flow - 3105

- F End of 2nd Flow - 3113
- G End of 2nd Shutin - 11521
- Q Final Hydrostatic - 14862

Doc-11269
PRO-20133

Drill Stem Testing Report

Company: DEER LAKE OIL AND GAS

Job Ticket #: D2-09851

DST#: 1

Test Date: 08/06/2000 1700hrs

Well Name: DEER LAKE OIL&GAS ET AL WA-

Contact: STAN PODULSKY

Location: WA-1

General Information:

Test Type: CONV. BOTTOM HOLE
Interval: 840.00m - 872.00m
Formation: NORTH BROOK
KB Elevation: 92.50m
Ground Elevation: 90.00m
Total Depth: 872.00m
Test Mode: Gas

Tester: C. PETERSON
Truck No.: 0Y0
Contractor: LOGAN DRILLING
Rig No.: 50 LI
Hole Diameter: 96mm
Hole Condition: GOOD
Bottom Hole Temperature: 15.00 C

Electronic Recorder Information:

OUTSIDE
Recorder #: 497

FLUID
Recorder #: 490

Range: 10000 kPag
Depth: 872.00 m

Range: 5000 kPag
Depth: 836.00 m

Flag Points:

	Time:	Pressure:
A Initial Hydrostatic	0.00	8739.7
B Start of 1st Flow	0.00	1329.9
C End of 1st Flow	6.00	1325.2
D End of 1st Shutin	90.00	5959.6
E Start of 2nd Flow	0.00	1211.8
F End of 2nd Flow	76.00	1552.1
G End of 2nd Shutin	100.00	6202.6
Q Final Hydrostatic	0.00	8943.4

Test Run Information:

Start Time: 1700hrs
Reached Test Depth: 752hrs
Pull Out Time: 1232hrs
Tool Out Of Hole: 1530hrs

Weight set on Packers: 2.00daN
Weight to free Packers: 10.00daN
Initial String Weight: 9.00daN
Unseated String Weight: 9.00daN

Tool Chased Dist: 0.00m
Mud Type: POLYMER
Mud Weight: 1044.00kg/m³
Amount of fill: 0.00m
Amt of cushion: 0.00
Type of cushion:

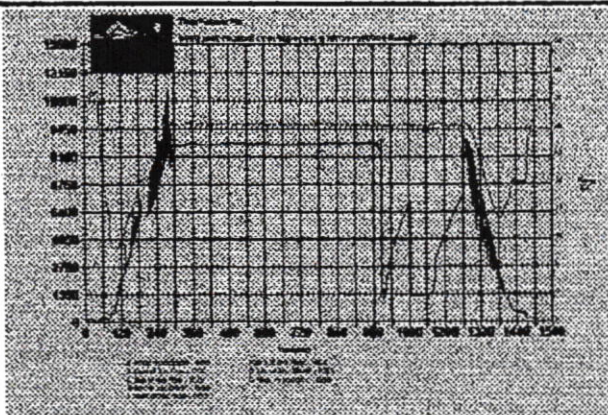
Water Loss: 20.00cm³
Mud Drop: NO
VIS: 35.00S/L
Filter Cake: 1.00mm
Pump Time: 0min
Reversed Out: NO

General Remarks:

PREFLOW:GOOD AIR BLOW NO GAS TO SURFACE

VALVE OPEN:GOOD AIR BLOW DECREASING TO DEAD IN 30 MIN

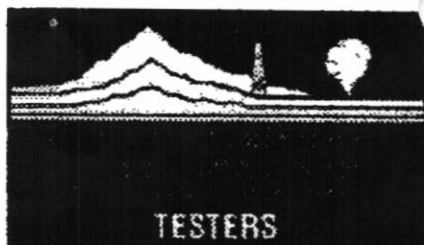
TIMES 10 90 60 120
TOOL OPEN 07:52



Recovery Description:

TOTAL RECOVERY 108M CONDENSATE FLECKED
DRILLING FLUID

Gas Bomb: 0 Sampler: 0
Fluid Sample: 3 Sent to: CORE LAB



Drill Stem Testing - Tool Diagram / Description

Company: DEER LAKE OIL AND GAS

Job Ticket #: D2-09851

DST#: 1

Test Date: 08/06/2000 1700hrs

Well Name: DEER LAKE OIL&GAS ET AL WA

Contact: STAN PODULSKY

Location: WA-1

Conventional Bottomhole

Drill Collar Stands: 0

Drill Collar Singles: 0

Drill Pipe Stands: 93

Drill Pipe Singles: 0

Heavy Wt. Pipe Stands: 0

Heavy Wt. Pipe Singles: 0

Total Drill Collars/Pipe and Tools: 847.86m

Total Drill Pipe Above K.B.: 7.75m

Total Depth: 872m

7.11m

Tool / Drill Stem Information:

Tool Weight: 0.50 daN

Drill Collar Inside Diameter: 0.00 mm

Drill Collar Total Length: 0.00 m

Drill Pipe Inside Diameter: 78.00 mm

Drill Pipe Total Length: 840.75 m

Heavy Weight Pipe Diameter: 0.00 mm

Heavy Weight Pipe Length: 0.00 m

Bottom Choke Diameter: 9.59 mm

Number of Packers: 2 Dia.: 82.55 mm

Depth:
840.00m

Tool Remarks:

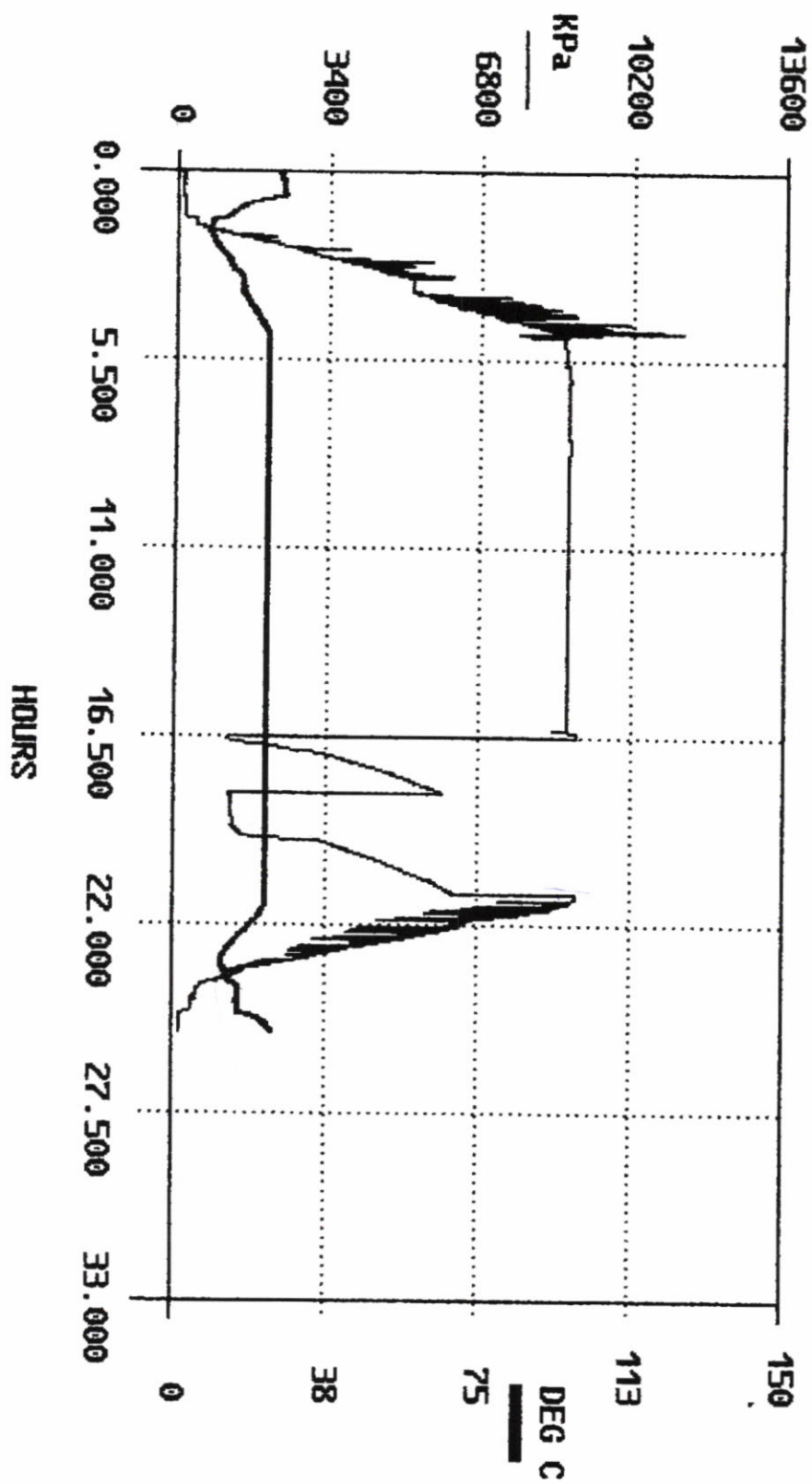
31.89m

Total Depth: 872.00m

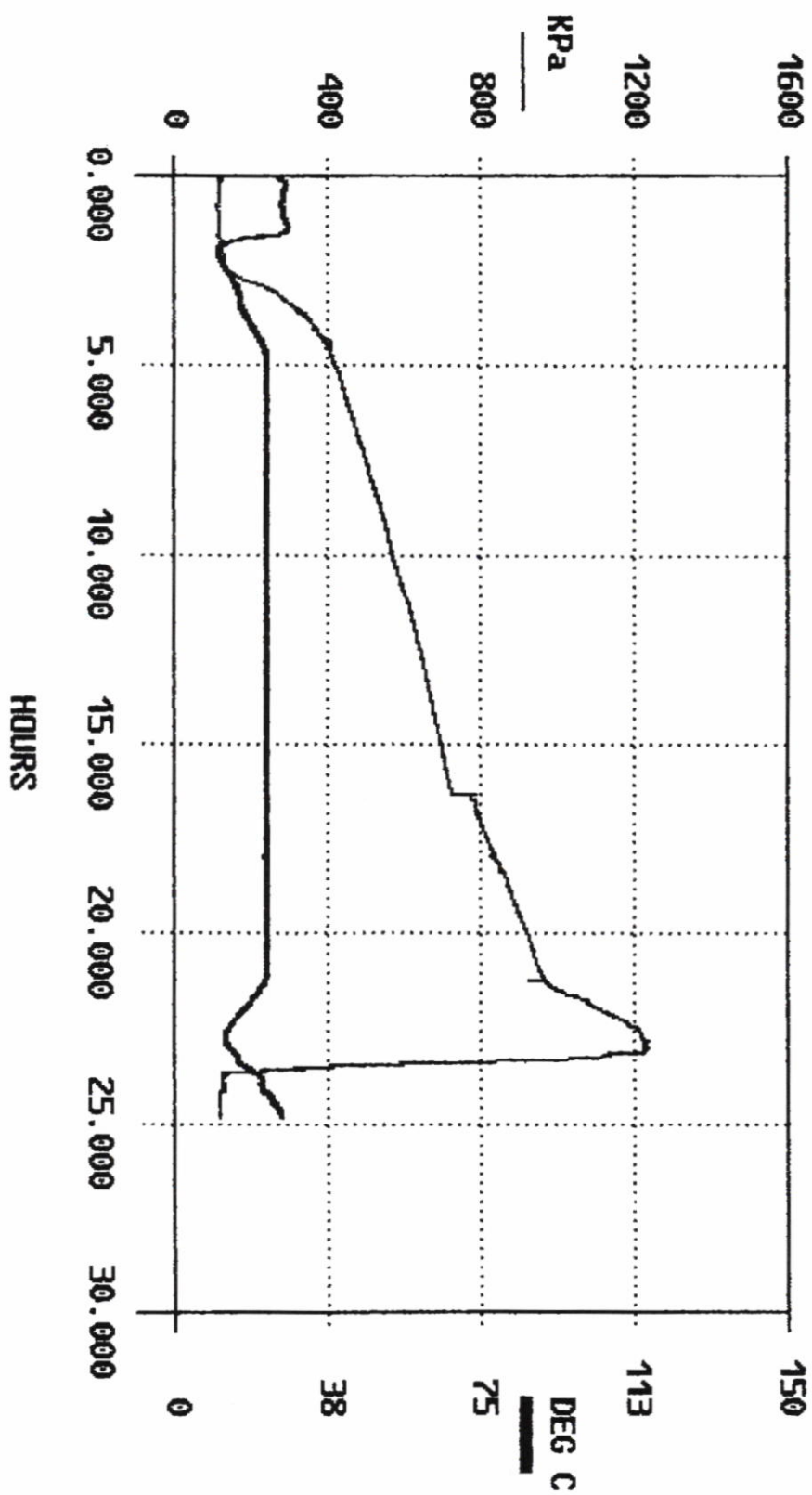
Item	Length
P.O.S.	0.20
XO	0.15
REC 4490	1.39
SHUT IN TOOL	1.34
REC 4441	1.39
PACKER	1.27
PACKER UP	0.82
PACKER DOWN	0.55
PERF	3.00
REC 4498	1.39
XO	0.15
D.C.	27.00
XO/REC 4497	0.15

39.00

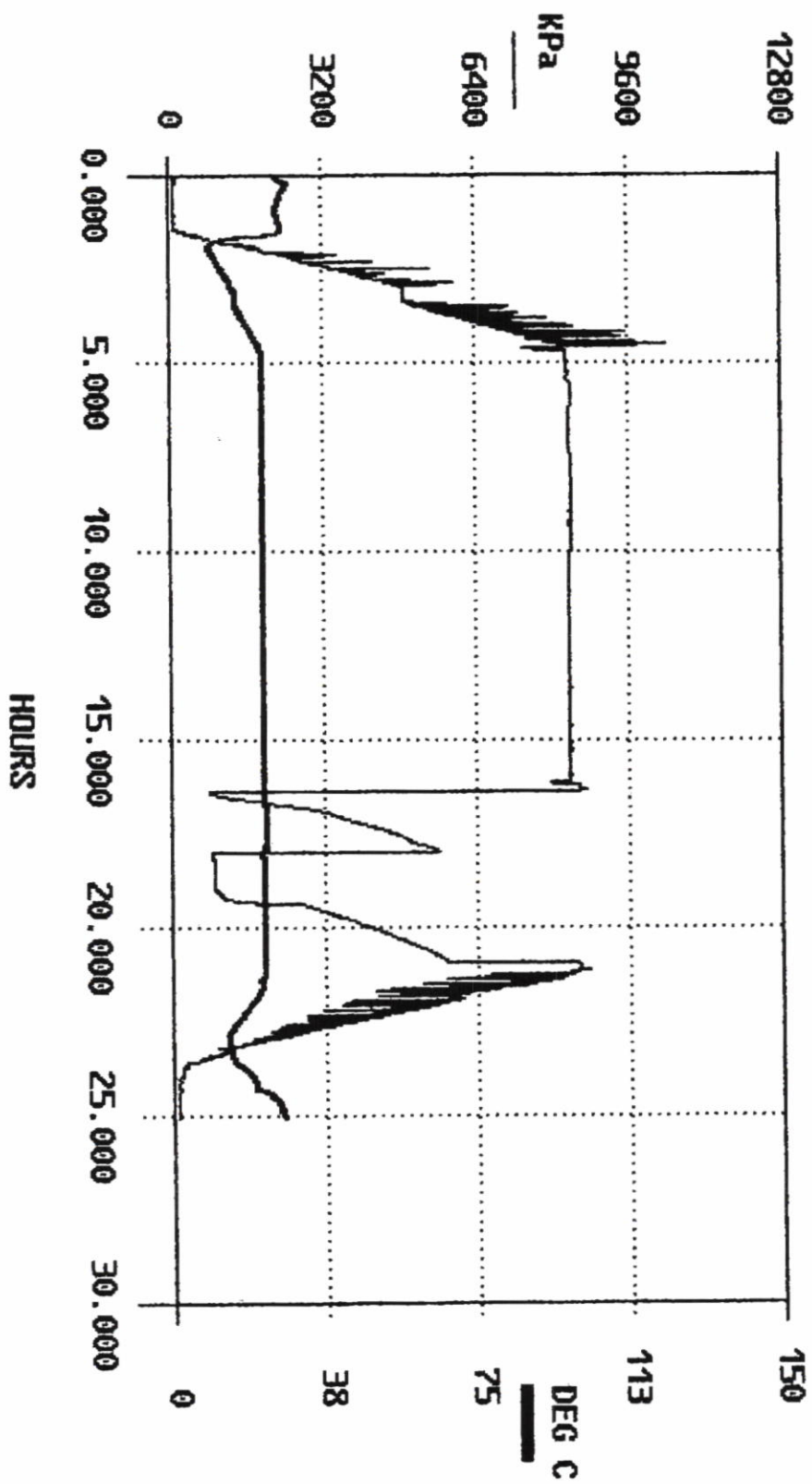
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s/n 4497 DEER LAKE OIL&GAS DST#1 OUT T#2-09851 1



FILE: <C:\ALP_IN\80601542.490>
S/n 4490 DEER LAKE OIL&GAS DST#1 FLUID T#2-09851



FILE: <C:\ALP_IN\80601538.441>
s/n 4441 DEER LAKE OIL&GAS DST#1 IN T# 2-09851 1



FILE: <C:\ALP_IN\80601534.498>
s/n 4498 DEER LAKE OIL&GAS DST#1 OUT T#2-09851

