

Final Well Report

Devon Canada Corporation

Devon Eagle Plains K-58

**Grid: 66 10'N
136° 45' W**

Yukon License: # 1120

**DATE: June 09, 2005
Prepared by David Quinn P. Eng.**

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Appendices may be used to give details on the subjects below.

- Locality Map
- Well Summary
- Time Distribution
- Deviation and Drift Records
- Bit Record
- Stick Diagram, "Pre-Drilled"

I. INTRODUCTION

1.1 Summary

Devon Canada Corporation drilled a 1278 mMD exploratory well at location designated as Devon Eagle Plains K-58. The well fulfilled a work commitment to the Yukon Government that was originally made by Anderson Exploration Ltd. (predecessor company) in 1999. The well was spudded on February 22th, 2005 and finished drilling operations on April 3rd, 2005. The well was found to be non-commercial hydrocarbon bearing and was abandoned.

The K-58 well is located approximately 33.5 km southwest of the Hamlet of Eagle plains, YT on the Dempster Highway and southeast of the highway by 10 km.

Devon Canada Canada was the operator company with no other working interest owners. Ensign Drilling Inc. was contracted for the drilling of this project and taken from Devon's contracted fleet for the 2005 winter program. The rig was moved from its last location in the Tommy Lakes region of NE British Columbia to Eagle Plains. The rig is rated as a 2600 m , double with 520 KW drawworks powered by 600 kw diesel prime movers and two triplex pumps, 560 & 410 KW.

The primary objective of this well was to drill and test for the potential gas reserves in the Chance sands and secondary objectives in the Parkin, Jungle Creek, Canoe formations as indicated on a 2-D seismically-identified structural high.

Construction of the drilling location started January 27, 2005. The access road was built along an existing seismic line. Water was hauled 50 km from the Eagle River and the lease and access road was essentially frozen in with marginal ground disturbance. Extremely cold weather during the construction phase (-40°C), created difficulty saturating the snow cover prior to freezing which caused some water run-off and consequently a higher volume of water consumption occurred.

Ensign Rig #55 was broken down to legal widths / weight loads for transport to the Yukon, February 8 through 12, 2005. The 2200 km move to location commenced February 13th with all rig components at location by February 17, 2005. The well was spudded February 22, 2005 after receiving well licence #1120 from the Yukon Energy Mines and Resources.

The well was drilled to 1278m by March 28, 2005. The total drilled depth was short of the original prognosis. Due to spring break up, continued drilling could have jeopardized the removal of the rig from the location. Although the programmed total depth was not achieved the primary zones of interest were exposed.

Two logging runs were performed by Schlumberger evaluating the well from total depth to surface casing, both porosity and resistivity logs were obtained.

A total of five closed chamber drill stem tests were conducted on the zones designated as Canoe sand (S-1), S3A-1, S3A-2, S3A-3 and the Hart River (S3B). All tests failed to yield commercial levels of hydrocarbons.

The well was abandoned with the placement of cement plugs. Casing bowl removed and casing stub cut below ground level.

1.2 Locality Map: See Appendices

II. GENERAL DATA

1. Well Name: Devon Eagle Plains k-58
Authority to Drill a Well No: 1120
Exploration Agreement : Eagle Plains
Location Unit: K

Section: 58
Grid Area: 66°10' N, 136°45' W
Classification: Exploratory
2. Well Location:

Coordinates: Latitude: 66°07'34.8" N (UTM 7335136.08m N)
(NAD 27) Longitude: 136°55'27.6" W (UTM 413100.12m E)
3. Unique Well Identifier: 300K586610136450
4. Operator: Devon Canada Corporation
..... 2000, 400 – 3rd Avenue S.W.
..... Calgary, AB
..... T2P 4H2
5. Contractor: Ensign Drilling Inc.
..... Suite 900, 400 – 5th Avenue SW
..... Calgary, Alberta
..... T2P 0L6
6. Drilling Unit: Ensign Drilling Partnership, Rig # 55
..... Diesel Mechanical, Land Rig
..... Drawworks Superior 700
7. Position Keeping: Not Applicable, Land Based Rig
8. Access Support: Construction of Ice Pad Lease
..... January 27 – mid February, 2005
9. Drilling Unit Performance: Rated Depth Capacity, 2600 m

10. Difficulties and Delays:

Lost Circulation

The surface hole (311m) was drilled with a diverter system to 95m encountering and under pressure Parkin Sand member. The diverter system was employed in the event that the Parkin Sand was overpressured.

Loss of fluid circulation occurred through the interval 95 to 118 meters. A total of 5 plugs were placed to isolate the zone.

Deterioration of the Pad Location

The original plan called for the use of an insulated conductor barrel to be set by rathole rig prior to moving onto the location. However, the limitation of the equipment employed by the Inuvik based contractor precluded the use of the larger size insulated conductor barrel. The decision to employ a conventional barrel was based on the belief that the drilling time would be minimal for this well.

After surface casing was set and drilling to 527m, the ice pad under the rig adjacent to the cribbing had melted / evaporated. This occurred in spite of Devon's no rig washing policy and heat deflection (away from the ground) from the BOP heaters.

The pad had melted under the rig mats and threatened to melt under the rig substructure beams making the rig unstable.

Devon elected to fill the cavity by spray foam insulation provided by a contractor from Inuvik. Once this was done no additional pad deterioration occurred.

Deviation Control

The wellbore built out 3° deviation on surface hole. Once the main hole was drilled to 424 mKB, the deviation increased to 4.25°. Drilling continued to 527mKB in a controlled fashion, decreasing weight and increasing rotary speed. A low speed high torque motor with MWD equipment was employed to finish the well. The inclination angle was allowed to build to 6° at total depth.

11. Total Well Cost: Field Estimate: \$ 8.5 MM CDN
(includes construction, drilling, evaluation and reclamation)

12. Deviated Wells Require Bottom Hole Co-ordinates:

Bottom hole location from well center.

North:35.05 meters
East:36.44 meters
Azimuth48.98 degrees

III. SUMMARY OF DRILLING AND RELATED OPERATIONS

1. Elevations:

Ground: 599.76 (m above sea level)
KB: 604.76 (m above sea level)
KB To Casing Flange: Not Applicable (KB to CF)

2. Total Depth:

FTD: 1278.0 mKB
TVD: 1276.0 mKB

3. Date and Hour Spudded:..... 2005/02/22, 2145 hrs

4. Date Drilling Completed: 2005/03/28
(Rig initiates completion activity)

5. Date of Drilling Rig Release: 2005/04/03, 2400 hrs.

6. Well status: Wellbore Abandoned

7. Hole Sizes and Depths:

Conductor Hole: 406 mm to 20 mKB
Surface: 311.2 mm to 362 mKB
Main Hole: 222.2 mm to 1278 m KB

8. Casing and Cementing Record:

See DFW (Daily Well Reports) for detailed reports:

Conductor: 762 mm to 20 mKB
Sanjel cementing company

Surface Casing: 244.5 mm to 360.5 mKB
244.5 mm, 53.58 kg/m, J-55, Rge 3, LT&C at 360.5 m
Cemented with: Lead 5.8 m³ (7.7 t) Artic cement, 1885 kg/m³
Tail: 13.6 m³ (15.5 tonne) Expandomix 1770 kg/m³

Production Casing; Not applicable, wellbore abandoned

Wellhead:

Casing Bowl Size: CWC-SLIPLOC 279mm, 21MPa x 244 mm
Wellhead Make: Vetco Gray
Status: Casing Bowl removed

9. Sidetracked Hole: Not Applicable

11. Drilling Fluid:

Conductor Hole: Drilled Dry with Conductor Rig

Surface Hole: Gel Chemical system

Properties: Viscosity: 50 sec/L
Density: 1170 kg/m³
PH: 11
Water loss: -
Solids: 5 – 10 %
Gels: 5 / 10
Filter Cake: -
PV / YP: 15 / 6

Main: Gel chemical system

Properties: Viscosity: 60 – 70 sec/L
Density: 120 - 1300 kg/m³
PH: 10 - 11
Water loss: 6 – 7.5 ml
Solids: 7 to 11 %
Gels: 3 / 6
Filter Cake: 1 mm
PV / YP: 36 / 10

12. Fishing Operations:

The fishing operations occurred on this well. The drill collars failed at 486 and 527 mKB. The fishes were recovered on single runs with minimal time delays. Devon contracted Baker Oil Tools to provide a fishing package on site due to the remoteness of the well. A complete replacement drill collar string was bought from Edmonton and the well was drilled without further incident.

13. Time Distribution: See Appendices

14. Deviation Surveys: See Appendices

15. Well Kicks and Well Control Operations: Not Applicable

16. Formation Leak Off Tests:

Depth:	365 m
Fluid Density:	1150 kg/m ³
Applied Pressure:	2,500 kPa
Hydrostatic Press.	4118 kPa
Casing Setting Depth:	362 mKB
Leak-off test	18.3 kPa /m

17. Drill Stem Test Summary:

DST # 1, Closed Chamber Test		
Interval:	1193.0 to 1203.0 mKB	
Formation:	S-1, Canoe sand	
IHP	15,561	kPa
PFI	508	kPa
PFF	518	kPa
ISI	10,306	kPa
2 nd FI	551	kPa
2 nd FF	582	kPa
FSI	9564	kPa
FHP	15558	kPa

Recovery; See DST # 4

DST # 2, Closed Chamber Test, Re-set

Interval: 1041.0 to 1051.0 mKB

Formation: S3A-1 sand

IHP 13,616 kPa

PFI 807 kPa

PFF 959 kPa

ISI 2,533 kPa

2ndFI 1,033 kPa

2ndFF 1,304 kPa

FSI 1,956 kPa

FHP 13,575 kPa

Recovery; See DST # 4

DST # 3, Closed Chamber Test, Re-set

Interval: 997.0 to 1007.0 mKB

Formation: S3A-2 sand

IHP 12,824 kPa

PFI 1,808 kPa

PFF 2,350 kPa

ISI 8,865 kPa

2ndFI 2,488 kPa

2ndFF 3,450 kPa

FSI 8,766 kPa

FHP 12,861 kPa

Recovery; See DST # 4

DST # 4, Closed Chamber Test, Re-set

Interval: 985.0 to 995.0 mKB

Formation: S3A-3 sand

IHP 12,860 kPa

PFI 5,295 kPa

PFF 6,174 kPa

ISI 8,893 kPa

2ndFI 6,552 kPa

2ndFF 8,838 kPa

FSI 8,893 kPa

FHP 12,832 kPa

Recovery; tests 1 – 4 combined, 815 m of “gasified brackish water with mud on top”, field salinity 7000.

DST # 5, Closed Chamber Test

Interval:	427.0 to 453.0	mKB
Formation:	S3B,	Hart River sand
IHP	5,730	kPa
PFI	1,031	kPa
PFF	1,482	kPa
ISI	3,131	kPa
2 nd FI	1,623	kPa
2 nd FF	1,981	kPa
FSI	2,474	kPa
FHP	6,644	kPa

Recovery; 130.0 m of "slightly gasified drilling fluid", field salinity 3000

18. Abandonment Plugs: A total of seven plus were set in the wellbore to abandoned the well.

Plug # 1

Interval (KB):	1278 to 1068
Cement Type:	Class G, 0:1:0, 0.3% CFL-3, 0.5% SPC-2, 1900 kg/m ³
Slurry Volume:	6 m ³
Tonnes:	7.8

Plug # 2

Interval (KB):	1038 to 828
Cement Type:	Class G, 0:1:0, 0.3% CFL-3, 0.5% SPC-2, 1900 kg/m ³
Slurry Volume:	6 m ³
Tonnes:	7.8

Plug # 3

Interval (KB):	796 to 654
Cement Type:	Class G, 0:1:0, 0.3% CFL-3, 0.5% SPC-2, 1900 kg/m ³
Slurry Volume:	6 m ³
Tonnes:	7.8

Plug # 4

Interval (KB):	625 to 475
Cement Type:	Class G, 1:1:2, 0.5% CFR, 1646 kg/m ³
Slurry Volume:	6.7 m ³
Tonnes:	7.0

Plug # 5
Interval (KB): 464 to 398
Cement Type: Class G, 1:1:2, 0.5% CFR, 1646 kg/m³
Slurry Volume: 6.7 m³
Tonnes: 7.0

Plug # 6
Interval (KB): 398 to 175
Cement Type: Expando mix, 3% LCCI, 1646 kg/m³
Slurry Volume: 11.44 m³
Tonnes: 12.7

Plug # 7
Interval (KB): 170 to Surface
Cement Type: Glacial 0.3% CFL-3, 0.5% SPC-2
Slurry Volume: 6 m³
Tonnes: 7.8

Casing stub dug down 1.5 m, cut and capped with welded plate.

19. Completion Record: No completion took place, wellbore was abandoned.

GEOLOGIC INFORMATION

Geological Summary: The two primary zones are discussed

PRIMARY ZONE:

CHANCE SAND 998.0 m MD (-393.7 m SS)

The Chance Sand is the porous section within the S3A sand of the Hart River Formation. The S3A sand top is at 976m, -371m subsea and the base was at 1034m, as described from samples. The S3A is light grey to salt and pepper with a grain size of very fine to upper coarse. In the low porosity sections, the coarse grained component is missing. The grains are poorly sorted and subrounded to rounded. The tight sand sections are mainly 60% quartz grains, 10% dark minerals and 30% calcite cement, but the Chance sand and other porosity zones are 75% quartz, 15% dark minerals and 10% calcite cement. Through the S3A sand there is minor amounts of a grey chert. In the Chance sand, rare light brown oil staining was seen and 3% to 9% intergranular porosity. A yellow brown fluorescence and weak white massive oil cut was one of the better shows. The rest are poor shows mainly seen as spotted yellow brown fluorescence and white halo cut. There was a slight gas response above the background readings in the sand for the Chance sand porosity section.

CONCLUSION: The Chance sand shows some economic potential.

SECONDARY ZONE:

PARKIN SAND 92.0 m MD (512.3 m SS)

The Parkin Sand is light brown to light grey in colour with minor red brown colouration. The sand is composed of 50% quartz and grains, 25% chert pebbles, 10% other dark minerals, 15% calcite cement and iron stained clay matrix. The grains are fine to coarse in size, poorly sorted, and subangular to subrounded. In some of the samples, there is a conglomerate portion, where the sand grades to a pebble conglomerate. Porosity ranged from 6% to 12% intergranular porosity which is controlled by the sand since the conglomerate is matrix supported. No oil shows were observed and no gas readings beyond the background were seen. The Parkin Sand was a lost circulation zone where five cement plugs had to set. Sample quality for this zone was poor due to drilling cement fragments and the lost circulation of material recovered. Also, the 100m, 110m and 115m samples are missing due to drilling ahead without returns. There was no gas date where there were no gas returns.

CONCLUSION: The Parkin sand shows no economic potential.

Formation tops

<u>FORMATION</u>	<u>PROGNOSED(m)</u>		<u>SAMPLE(m)</u>		<u>LOG TOPS(m)</u>			
	<u>MD</u>	<u>TVD</u>	<u>MD</u>	<u>TVD</u>	<u>SS</u>	<u>MD</u>	<u>TVD</u>	<u>SS</u>
Fish Branch		0.0		19.0	585.3		19.5	584.8
Parkin Shale	1.3	1.8		52.5	551.8		48.0	556.3
Parkin Sand	20.3	20.8		92.0	512.3		95.0	509.3
Whitestone	50.3	50.8		118.0	486.3		116.7	487.6
Jungle Creek SS	220.3	220.8		229.0	375.3		231.2	373.1
Blackie	252.3	252.8		259.5	344.8		258.7	345.6
Hart River	388.3	388.8		437.0	167.3		441.2	163.1
S3A	763.3	763.8		882.0	-277.2		883.6	-279.3
Chance	875.3	875.8		998.0	-393.2		998.0	-393.7
S1				1183.5	-579.2		1183.3	-579.0
Canoe	1087.3	1087.8						
Ford Lake	1324.3	1324.8						
TD, undefined	1374.3	1374.8		1278.0	-673.2		1278.0	-673.7

WELL EVALUATION

Coring Record

No cores were cut in this well.

Logging Program

Logging company: Schlumberger.

Logs run:

Runs #1 and #2, March 28, 2005

Platform Express: Compensated Neutron Dual Lithology Density Log

Platform Express: Array Induction – RXO Log

Platform Express: Micro – Resistivity Log

Platform Express: Resistivity – Porosity (half scale log)

High Resolution Laterlog Array

Dipole Shear Sonic Image Log

Cement Volume Log

Gas detection log was run from surface to TD.

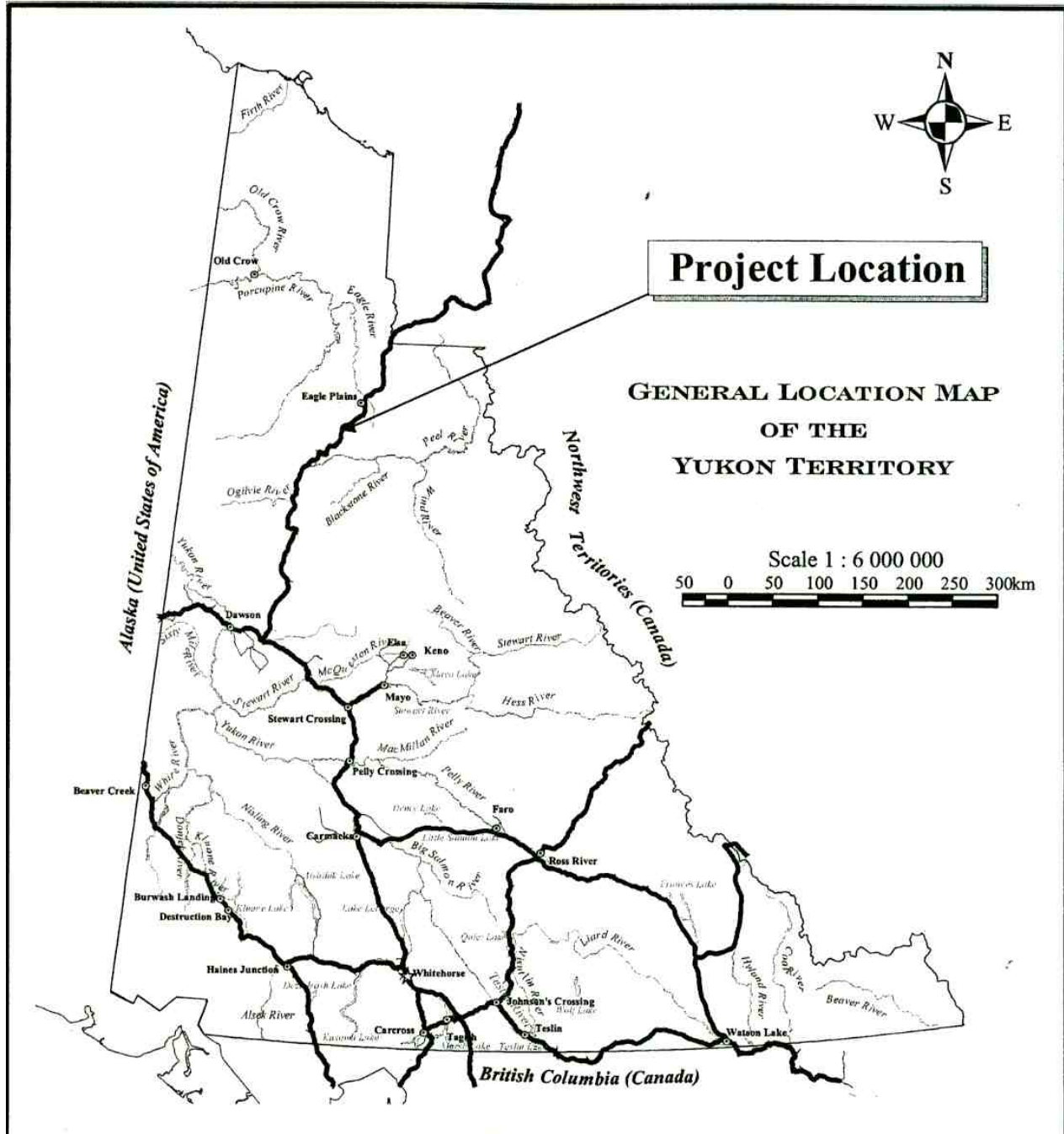
No VSP's were carried out on this well.

V. ENVIRONMENTAL WELL ANALYSIS

Environmental Details will be addressed in a separate report.

VI. APPENDICES TO FINAL WELL REPORT

**Locality Map
Well Summary
Time Distribution
Deviation and Drift Records
Bit Record
Stick Diagram, “pre-drilled”**



devon



**Eagle Plains
2004 - 2005
Drill Program**

Drawn By: HD	Figure 1
Checked By: DDC	Date: 2004/08/10

Our file: D:\Project\AllProjects\DEV-04-gis\mxd\Fig1.mxd

WELL SUMMARY AND FORMATION EVALUATIONS

DEVON EAGLE PLAINS 300K586610136450

The Devon Eagle Plains K58 is a wildcat exploration well in the Yukon Territory that was drilled to evaluate the potential for future development of the area. The well was spudded on February 22, 2005 at 21:45 hours and drilling was completed, March 28, 2005 at 12:15 hours. The target zones for this well are the Parkin Sand (secondary) and Hart River (secondary) with the Chance sand (primary). The surface hole was drilled with 311mm bits to a depth of 362m and 244.5mm casing was then run. The main hole was drilled using 222mm tri-cone bits to a total depth of 1278m.

At spud, the problem with Chimo EDR communicating with Continental Labs mudlogger was corrected. The hole depth recorder would not function from surface to 53m depth. Chimo was able to correct the problem remotely. On February 24, there was a Chimo component failure and again drilling continued without hole depth data. Both times, the crews marked meters on kelly and recorded the drilling times manually. The Chimo drill recorder was repaired at 140m.

On surface hole, circulation was lost at 95m, and multiple lost circulation pills could not stop the volume losses. Therefore, the well was drilled ahead blind without returns to 100m to get through the lost circulation zone and the crews ran cement plugs. Fluid losses continued after the first plug, so a second cement plug was set. After drilling out the cement plugs, the rig was able to drill ahead to 106m with partial returns so the 105m sample was caught. At the connection at 106.3m, all circulation was lost while working the pipe and drilling continued ahead blind to 115m where another cement plug was run to seal off the Parkin Sand. After drilling out plug #3, drilling proceeded to 142m where another lost circulation zone was penetrated. While drilling with partial returns to about 136m, the crews caught samples from 115m to 135m. Due to the continued loss of circulation at 136m, the fourth cement plug was required. On the trip out to run plug #4, the hole was tight and when running in with open ended drill pipe, the well bridged off at 28m. Crews attempted to wash past the bridge with an open ended drill string but failed. Reaming operations were concluded as a result of fluid losses at the Parkin sandstone. An open ended assembly was run to bottom and plugs 4 and 5 were set. Drilling resumed without incident and the surface hole was drilled to 362m where surface casing was set. Surface hole drilling was completed on March 3, 2005 at 9:15 hours.

Drill out of surface casing shoe occurred at 21:30 hours on March 6, 2005. The main hole was drilled using 222mm bits. While drilling the main hole, the drill string parted at 486.7m. When tripped out, it was found that it had parted in the drill collars. Fishing for the rest of the collars began using an overshot tool and it was able to capture the fish on the first attempt. The drill string parted a second time at 527.2m, also as a result of the collars twisting off. The second fish was four collars and the bit. The second fish was recovered on the first attempt. After the second fish was recovered, it was decided that all the heavy weight drill pipe and drill collars would be inspected before drilling continued. One joint of heavy weight drill pipe, four drill collars and the jars failed the inspection, therefore drilling was placed on hold until replacements arrived. Also, it was decided that Omni directional services would be used to control the deviation problem. When the directional tools and new collars arrived they were made up and the rig waited on orders to drill ahead. The jars arrived later that same day, and a trip was done to put them in the drill string. While making up the directional tools, a spray foam insulation unit came out and insulated the cellar to stop the permafrost collapse in the substructure, it was also injected under the #1 pump.

The next drilling delay was for repairs to the shaker including some time spent waiting for parts. The weld on the first repair did not last. The first breakdown happened at 734m and the second at 745m where drilling was suspended until parts arrived and were installed. During both breakdowns, the rig could not circulate so the drill string was tripped into the surface casing until the shaker was fixed.

On March 24, 2005, the Chimo pit volume and return flow failed and about two hours were needed to repair the system. At 1102.5m, a survey was taken and an unexpected inclination was recorded. The well had increased in deviation while rotating from about 1000m, so two slides were done to correct the deviation. When the survey below the first slide displayed an increase in deviation when a decrease was expected, a trip was done to determine whether there was a problem with the directional tools. No problems were noted.

Drilling continued with two more bit trips. On the afternoon of Monday, March 28, 2005, Devon decided that drilling would end and drilling was halted at 1278.0m. After a wiper trip, the drill string was tripped out to run wireline logs with Schlumberger. The logging program was four runs. Run #1 was Schlumberger's PEX-LDT tool, the data was transmitted to Calgary during run #2 which was, HRLA-DSI tools. On March 29, 2005, while finishing logging run #2, Devon was to select points for the sidewall coring on run #3. The sidewall coring program and FMI log were cancelled. From the logging information and geological samples, Devon decided that some drill stem tests would be run. The run was eventually abandoned.

Samples were not caught due to lack of returns while drilling ahead blind in lost circulation zones at 100m, 110m, 115m & 140m on surface hole. Samples were collected below the conductor barrel at 20.0 meters to total depth for Devon Canada Ltd. and the Yukon government. A Continental Labs Ltd. gas chromatograph was used from 14m to Total Depth.



Devon Canada Corporation
Time Distribution Summary

Legal Well Name: DEVON EAGLE PLAINS K-58
 Common Well Name: DEVON EAGLE PLAINS K-58
 Event Name: ORIG DRILLING
 Contractor Name: ENSIGN DRILLING
 Rig Name: ENSIGN DRILLING
 Spud Date: 02/02/2005
 Start: 02/08/2005 End: 04/03/2005
 Rig Release: 04/03/2005
 Rig Number: 55

Code	Operation	Total Hours	Percentage
01	MOVING	35.75	3.22
02	RIG UP	32.00	2.88
03	RIG DOWN	38.50	3.46
10	DRILLING	136.25	12.26
11	DIRECTIONAL DRILLING	235.25	21.17
16	SURVEY	15.00	1.35
17	C & C - DRILLING	57.00	5.13
20	TRIPS	118.00	10.62
21	WASH TO BOTTOM	1.00	0.09
22	HANDLING TOOLS	17.75	1.60
31	WELL CONTROL	0.50	0.04
40	REAMING	18.75	1.69
45	FISHING	35.50	3.19
50	RIG SERVICE	25.75	2.32
51	SLIP & CUT	0.50	0.04
52	RIG REPAIR	23.25	2.09
53	3RD PARTY REPAIR	3.00	0.27
60	LOG	11.00	0.99
61	DST	33.00	2.97
70	RUNNING CASING / LINER	7.75	0.70
71	C & C FOR CEMENT	2.25	0.20
72	MIX AND DISPLACE	2.25	0.20
73	WAITING ON CEMENT	33.75	3.04
74	DRILL OUT CEMENT	31.50	2.83
75	BOP ACT-PT & NIPPLE UP	32.00	2.88
76	PRESSURE TEST CASING	3.50	0.31
79	PLUG & ABANDON	25.75	2.32
81	WAITING ON ORDERS	2.25	0.20
82	WAITING ON DAYLIGHT	20.00	1.80
83	WAITING OTHER	89.00	8.01
90	SAFETY MEETING	21.75	1.96
91	BOP DRILL	2.00	0.18

TOTAL 1,111.50 100.00

Omni Drilling Technologies Inc.

Standard Survey Report

Company: DEVON CANADA CORPORATION	Date: 6/7/2005	Time: 11:48:48	Page: 1
Field: Eagle Plains	Co-ordinate(NE) Reference: Site: K-58, True North	Vertical (TVD) Reference: KB Elevation 604.8 above Mean Sea Level	
Site: K-58	Section (VS) Reference: Well (0.0E,0.0N,0.0Azi)	Survey Calculation Method: Minimum Curvature	
Well: Devon Eagle Plains			
Wellpath: Omni Job# 702			

Field: Eagle Plains	
Map System: Canadian UTM Zones (NAD83/GRS80)	Map Zone: UTM Zone 10, North 126W to 120W
Ellipsoid: WGS 1984	North Reference: True
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2000

Site: K-58		
Site Position:	Northing: m	Latitude:
From: Local Only	Easting: m	Longitude:
Position Uncertainty: 0.00 m		Magnetic Declination: 0.00 deg
Water Depth: 0.00 m		Grid Convergence: deg

Well: Devon Eagle Plains		
Well Position: +N-S 0.00 m	Northing: m	Latitude:
From Slot: +E-W 0.00 m	Easting : m	Longitude:
Position Uncertainty: 0.00 m		

Wellpath: Omni Job# 702	Drilled From: Surface
Vertical Section: +N-S 0.00 m	Tie-on Depth: m
From: Well +E-W 0.00 m	V.Section Direction: 0.00 deg
Measured Depth Reference: KB Elevation	Above System Datum: Mean Sea Level
	604.76 m

Survey: Directional Surveys	Start Date: 6/7/2005
Company: Omni Drilling Technologies Inc	Engineer: Roopa Dattani
Tool:	

Survey: Directional Surveys										
MD	Incl	Azim	TVD	+N-S	+E-W	VS	DLS	Build	Turn	Tool/Comment
m	deg	deg	m	m	m	m	deg/30m	deg/30m	deg/30m	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	
360.50	0.00	0.00	360.50	0.00	0.00	0.00	0.000	0.000	0.000	
369.00	2.60	52.90	369.00	0.12	0.15	0.12	9.176	9.176	0.000	
513.90	4.00	60.70	513.65	4.57	7.18	4.57	0.304	0.290	1.615	
528.35	4.20	57.70	528.07	5.10	8.07	5.10	0.609	0.415	-6.228	
537.95	4.20	56.90	537.64	5.48	8.66	5.48	0.183	0.000	-2.500	
547.12	4.60	54.90	546.78	5.88	9.24	5.88	1.401	1.309	-6.543	
556.29	4.60	52.90	555.92	6.31	9.84	6.31	0.525	0.000	-6.543	
565.75	4.30	48.90	565.36	6.77	10.41	6.77	1.368	-0.951	-12.685	
575.38	3.70	43.30	574.96	7.24	10.89	7.24	2.228	-1.869	-17.445	
585.18	3.60	36.60	584.74	7.71	11.29	7.71	1.340	-0.306	-20.510	
594.96	3.80	33.50	594.50	8.23	11.65	8.23	0.868	0.613	-9.509	
604.59	3.90	33.30	604.11	8.77	12.01	8.77	0.314	0.312	-0.623	
614.26	3.60	33.40	613.76	9.30	12.36	9.30	0.931	-0.931	0.310	
623.48	3.10	34.70	622.96	9.74	12.66	9.74	1.645	-1.627	4.230	
632.83	2.80	33.90	632.30	10.14	12.93	10.14	0.972	-0.963	-2.567	
642.40	2.70	32.70	641.86	10.52	13.18	10.52	0.362	-0.313	-3.762	
651.57	2.70	28.70	651.02	10.90	13.40	10.90	0.616	0.000	-13.086	
661.33	2.60	27.20	660.77	11.29	13.62	11.29	0.374	-0.307	-4.611	
670.86	2.50	27.60	670.29	11.67	13.81	11.67	0.320	-0.315	1.259	
680.67	2.40	28.30	680.09	12.04	14.01	12.04	0.319	-0.306	2.141	
689.87	2.50	27.00	689.28	12.39	14.19	12.39	0.373	0.326	-4.239	
699.04	2.80	21.80	698.44	12.78	14.36	12.78	1.257	0.981	-17.012	
708.61	3.10	22.20	708.00	13.23	14.55	13.23	0.943	0.940	1.254	
718.30	3.50	21.50	717.67	13.75	14.75	13.75	1.245	1.238	-2.167	
727.78	3.40	26.10	727.14	14.27	14.98	14.27	0.931	-0.316	14.557	

Omni Drilling Technologies Inc.

Standard Survey Report

Company: DEVON CANADA CORPORATION	Date: 6/7/2005	Time: 11:48:48	Page: 2
Field: Eagle Plains	Co-ordinate(NE) Reference:	Site: K-58, True North	
Site: K-58	Vertical (TVD) Reference:	KB Elevation 604.8 above Mean Sea Level	
Well: Devon Eagle Plains	Section (VS) Reference:	Well (0.0E,0.0N,0.0Azi)	
Wellpath: Omni Job# 702	Survey Calculation Method:	Minimum Curvature	

Survey: Directional Surveys

MD m	Incl deg	Azim deg	TVD m	+N-S m	+E-W m	VS m	DLS deg/30m	Build deg/30m	Turn deg/30m	Tool/Comment
737.52	3.10	29.40	736.86	14.76	15.24	14.76	1.089	-0.924	10.164	
747.17	2.50	29.40	746.50	15.17	15.47	15.17	1.865	-1.865	0.000	
756.87	2.10	26.90	756.19	15.51	15.66	15.51	1.275	-1.237	-7.732	
766.08	1.80	20.20	765.40	15.80	15.78	15.80	1.226	-0.977	-21.824	
775.86	1.70	8.00	775.17	16.09	15.86	16.09	1.181	-0.307	-37.423	
785.03	1.70	0.40	784.34	16.36	15.88	16.36	0.737	0.000	-24.864	
794.30	1.70	354.70	793.60	16.63	15.86	16.63	0.547	0.000	-18.447	
804.12	1.70	356.10	803.42	16.92	15.84	16.92	0.127	0.000	4.277	
813.72	1.70	356.30	813.02	17.21	15.82	17.21	0.019	0.000	0.625	
823.33	1.70	355.40	822.62	17.49	15.80	17.49	0.083	0.000	-2.810	
832.50	1.60	354.60	831.79	17.76	15.78	17.76	0.336	-0.327	-2.617	
841.70	1.50	355.40	840.98	18.00	15.76	18.00	0.334	-0.326	2.609	
850.93	1.40	354.40	850.21	18.24	15.74	18.24	0.335	-0.325	-3.250	
860.36	1.50	354.00	859.64	18.47	15.71	18.47	0.320	0.318	-1.273	
870.07	1.40	354.10	869.35	18.72	15.69	18.72	0.309	-0.309	0.309	
879.27	1.30	346.20	878.54	18.93	15.65	18.93	0.688	-0.326	-25.761	
888.96	1.20	343.70	888.23	19.13	15.60	19.13	0.353	-0.310	-7.740	
898.62	1.00	349.50	897.89	19.31	15.55	19.31	0.710	-0.621	18.012	
908.29	1.10	353.40	907.56	19.49	15.53	19.49	0.381	0.310	12.099	
918.02	1.10	349.40	917.29	19.67	15.50	19.67	0.237	0.000	-12.333	
927.45	1.30	352.10	926.71	19.87	15.47	19.87	0.661	0.636	8.590	
936.97	1.40	354.50	936.23	20.09	15.44	20.09	0.362	0.315	7.563	
946.39	1.40	2.40	945.65	20.32	15.43	20.32	0.614	0.000	25.159	
956.21	1.20	4.00	955.47	20.54	15.45	20.54	0.621	-0.611	4.888	
965.78	1.20	15.70	965.03	20.74	15.48	20.74	0.767	0.000	36.677	
975.21	1.10	26.00	974.46	20.92	15.55	20.92	0.729	-0.318	32.768	
984.40	1.10	26.70	983.65	21.08	15.63	21.08	0.044	0.000	2.285	
993.68	1.30	34.90	992.93	21.24	15.73	21.24	0.851	0.647	26.509	
1003.02	1.30	35.20	1002.27	21.41	15.85	21.41	0.022	0.000	0.964	
1012.29	1.70	37.10	1011.53	21.61	15.99	21.61	1.304	1.294	6.149	
1021.40	1.90	41.00	1020.64	21.83	16.17	21.83	0.772	0.659	12.843	
1030.78	2.20	40.80	1030.01	22.09	16.39	22.09	0.960	0.959	-0.640	
1040.16	2.20	41.20	1039.38	22.36	16.63	22.36	0.049	0.000	1.279	
1049.37	2.00	51.20	1048.59	22.59	16.87	22.59	1.357	-0.651	32.573	
1058.79	2.10	63.70	1058.00	22.77	17.15	22.77	1.456	0.318	39.809	
1068.04	2.80	64.00	1067.24	22.94	17.51	22.94	2.271	2.270	0.973	
1077.44	3.50	67.20	1076.63	23.16	17.98	23.16	2.303	2.234	10.213	
1086.58	4.30	65.80	1085.75	23.41	18.55	23.41	2.644	2.626	-4.595	
1096.09	5.10	65.50	1095.23	23.73	19.26	23.73	2.525	2.524	-0.946	
1105.42	5.80	66.10	1104.51	24.09	20.07	24.09	2.258	2.251	1.929	
1114.60	6.30	66.00	1113.64	24.48	20.95	24.48	1.634	1.634	-0.327	
1123.99	6.20	64.10	1122.98	24.91	21.88	24.91	0.734	-0.319	-6.070	
1133.09	6.10	62.70	1132.02	25.35	22.75	25.35	0.594	-0.330	-4.615	
1142.66	6.00	59.90	1141.54	25.83	23.63	25.83	0.977	-0.313	-8.777	
1151.94	6.30	57.00	1150.77	26.35	24.48	26.35	1.396	0.970	-9.375	
1161.36	6.70	56.20	1160.13	26.94	25.37	26.94	1.306	1.274	-2.548	
1170.75	7.20	55.60	1169.45	27.58	26.31	27.58	1.614	1.597	-1.917	
1180.10	7.50	56.90	1178.72	28.24	27.30	28.24	1.101	0.963	4.171	
1189.06	7.70	57.50	1187.60	28.88	28.30	28.88	0.720	0.670	2.009	
1198.10	7.80	58.40	1196.56	29.53	29.33	29.53	0.522	0.332	2.987	
1207.72	7.60	59.10	1206.09	30.20	30.44	30.20	0.689	-0.624	2.183	
1217.30	6.90	57.90	1215.60	30.83	31.47	30.83	2.243	-2.192	-3.758	
1226.50	6.30	53.90	1224.74	31.42	32.34	31.42	2.464	-1.957	-13.043	
1235.76	5.80	50.60	1233.94	32.02	33.12	32.02	1.973	-1.620	-10.691	

Omni Drilling Technologies Inc. Standard Survey Report

Company: DEVON CANADA CORPORATION	Date: 6/7/2005	Time: 11:48:48	Page: 3
Field: Eagle Plains	Co-ordinate(NE) Reference:	Site: K-58, True North	
Site: K-58	Vertical (TVD) Reference:	KB Elevation 604.8 above Mean Sea Level	
Well: Devon Eagle Plains	Section (VS) Reference:	Well (0.0E,0.0N,0.0Azi)	
Wellpath: Omni Job# 702	Survey Calculation Method:	Minimum Curvature	

Survey: Directional Surveys

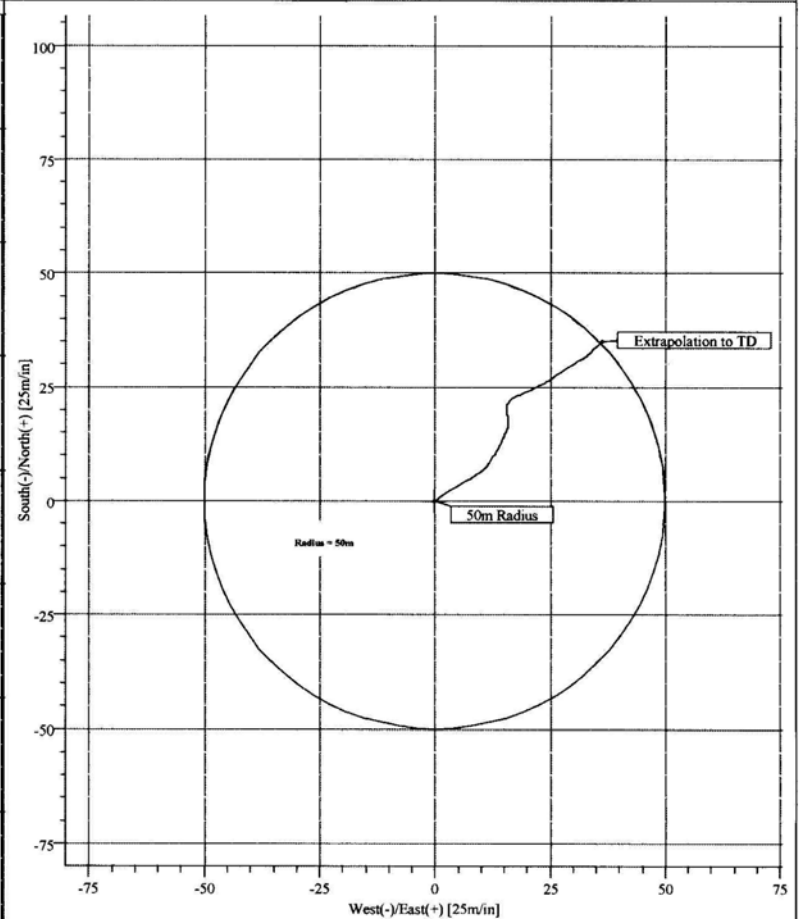
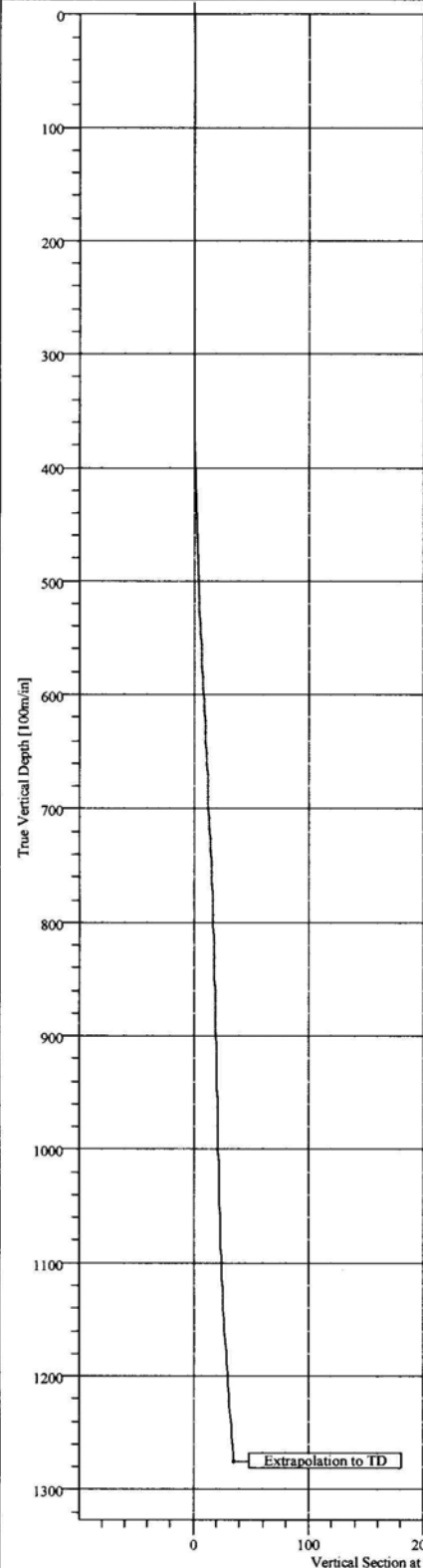
MD m	Incl deg	Azim deg	TVD m	+N-S m	+E-W m	VS m	DLS deg/30m	Build deg/30m	Turn deg/30m	Tool/Comment
1245.17	5.90	47.30	1243.31	32.65	33.84	32.65	1.119	0.319	-10.521	
1254.74	6.10	46.10	1252.82	33.33	34.57	33.33	0.740	0.627	-3.762	
1262.00	6.20	47.00	1260.04	33.87	35.13	33.87	0.574	0.413	3.719	
1278.00	6.42	48.98	1275.94	35.05	36.44	35.05	0.580	0.412	3.712	Extrapolation to TD

Annotation

MD m	TVD m	
1278.00	1275.94	Extrapolation to TD



Field: Eagle Plains
 Site: K-58
 Well: Devon Eagle Plains
 Wellpath: Omni Job# 702
 Survey: Directional Surveys



↑ TM
 All Angles Relative To True North
 True North: 0.00
 Magnetic North: 0.00

SITE DETAILS
 K-58
 Water Depth: 0.00
 Positional Uncertainty: 0.00
 Magnetic Deviation: 0.00
 Convergence: 0.00

WELLPATH DETAILS
 Omni Job# 702
 Vertical Section Origin: Slo - (0.00,0.00)
 Vertical Section Angle: 0.00°
 Rig: Depth Reference: KB Elevation 664.76m

LEGEND
 — Directional Surveys



Directional Proposal
 Created By: Raouf Dattani
 Date: 6/8/2005



A Grant Prideco Company

OPERATOR : DEVON CANADA CORPORA
 CONTRACTOR : ENSIGN DRILLING
 RIG : 55
 RIG TYPE :
 API NUMBER : K58660713655N
 REED WELL NO : CAL-97
 OPERATOR REP : ROLAND BENOIT & JOHN WILLIAMS
 TOOLPUSHER :
 DIRECTNL CO. : OMNI
 WELL REMARKS:

LSD : 66 SECTION : 07 TOWNSHIP : 136 RANGE : 55N
 PROVINCE : YUKON TERRIT COUNTRY : CANADA
 WELL NAME : 66-07-136-55N/K58 DISTRICT : 5431
 LATITUDE : 66° 7' 34.8" N LONGITUDE : 136° 55' 27.6" W
 SURVEY : FORD LAKE ABSTRACT : BLOCK :
 FIELD : DEVON EAGLE PLAINS K-58 WELL PROFILE: Vertical

** CONFIDENTIAL TILL 28-MAR-07 **

PUMP1 MAKE/MODEL : /		MUD COMPANY :		SPUD :		PIPE SIZE/TYPE :		LENGTH :																							
PUMP2 MAKE/MODEL : GARDNER-DENVER/PZ7		MUD SYSTEM : N/A		UNDERSURFACE : 06-MAR-05		HW PIPE SIZE/TYPE :																									
PUMP3 MAKE/MODEL : /		CONTRACT TYPE : Daywork		INTERMEDIATE :		COLLAR 1 :																									
DRAWWORKS :		CONTRACT DEPTH : m		TOTAL DEPTH : 28-MAR-05		COLLAR 2 :																									
BIT NO	BIT SIZE mm	BIT TYPE	SERIAL NO	JET SIZE mm or TFA	DEPTH OUT m	DRILLED m	HRS RUN	ACC HRS	ROP m/h	WOB kdaN	TOTAL RPM	MTR RPM	VERT DEV	PUMP kPa	FLOW m3/min	MUD	WT %S	VIS WL	I O MD LOC B G	OD RP	DULL CODES	RUN/INT DATE									
1	311.2 HC	X1CXP	J17674	14.314.314.3	100	100	14.00	14	7.1	6	60	120	0.3	4500	2.01	W	1180		2	2	NO	A	E	IN	NO	FM	22-FEB-05				
LOST CIRC @ 95M - RUN 2 CEMENT PLUGS - MUD TEMP = 18°C																															
2	311.2 HC	X1CXP	J17674	14.314.314.3	115	15	4.25	18	3.5	1	10	80	120	0.3	8000	2.8	W	1110		2	2	NO	A	E	IN	NO	BHA	25-FEB-05			
DRILL OUT CEMENT - LOST CIRC - RUN PLUG #3																															
3	311.2 HC	X1CXP	J17674	14.314.314.3	143	28	1.75	20	16.0	1	1	80	120	1.3	5000	2.21	W	1110		2	2	NO	A	E	IN	NO	BHA	26-FEB-05			
DRILL OUT CEMENT - DRILL BLIND - RUN PLUG #4																															
4	311.2 HC	X1CXP	J17674	14.314.314.3	206	63	10.75	31	5.9	6	10	90	120	3.0	5700	2.06	W	1160		4	4	FC	A	E	IN	NO	PR	28-FEB-05			
5	311.2 HC	MXR18P	RR00539	17.517.517.5	291	85	22.25	53	3.8	1	6	120	140	2.0	7400	2.09	W	1160		3	3	NO	A	E	IN	NO	PR	01-MAR-05			
MUD TEMP = 24°C																															
6	311.2 SB	F2XP	YD5187	14.314.314.3	362	71	15.50	69	4.6	4	6	140	145	2.8	8000	2.09	W	1180		2	2	WT	G	E	IN	NO	TD	02-MAR-05			
MUD TEMP = 32°C																															
7	222.3 RH	TD51XMP	L54002-	12.712.712.7	457	95	28.50	97	3.3	3	4	130	140	4.3	6000	1.41	W	1220	7	25	8	2	3	FC	A	E	1	TPR	06-MAR-05		
BHA: INSERT BIT, BIT SUB, DC X 5, JARS, DC X 5, HWDP X 10																															
Run Remarks: JACK RIG TO LEVEL & DRILL OUT - HART RIVER 385M - MUD TEMP = 32°C																															
8	222.3 RH	TD44MP	HY2303	12.712.712.7	527	70	39.75	137	1.8	6	7	110	112	4.0	6000	1.41	W	1200	8	27	8	4	5	FC	A	E	IN	BT	DSF	08-MAR-05	
BHA: INSERT BIT, BIT SUB, DC X 5, JARS, DC X 5, HWDP X 10																															
Run Remarks: TWIST OFF DC - DETERIORATION AROUND CELLAR - MUD TEMP = 22°C																															
9	222.3 RH	TD51XMP	L54002-	25.425.425.4	527	0	.00	137	/	/	/	/	/	/	/	W															
CIRC - WAIT ON DC INSPECTOR																															
10	222.3 HC	HRS38C	6021470	14.314.312.7	734	207	59.25	196	3.5	14	16	25	35	MM	3.4	10000	1.3	W	1235	8	29	8.5	5	6	WT	A	E	IN	BT	PR	14-MAR-05
BHA: INSERT BIT, LO SPEED MOTOR, FLOAT SUB, MONEL, PULSER SUB, MONEL, XO PIN/BOX, SHOCK SUB, DC X 4, JARS, DC X 9, HWDP X 9																															
Run Remarks: DIRECTIONAL DRILL - MOTOR SET AT 1.5° - MUD TEMP = 28°C																															
11	222.3 RH	TD61AP	JL4478	14.314.314.3	889	155	50.00	246	3.1	16	17	25	28	MM	1.2	10600	1.29	W	1350	13	36	7	7	8	BT	A	F	IN	TPR	17-MAR-05	
BHA: INSERT BIT, LO SPEED MOTOR, FLOAT SUB, MONEL, PULSER SUB, MONEL, XO PIN/BOX, SHOCK SUB, DC X 4, JARS, DC X 9, HWDP X 9																															
Run Remarks: DIRECTIONAL DRILL - MOTOR SET AT 1.5° - S3A 882M - MUD TEMP = 30°C																															
12	222.3 HC	HRS44G	6028920	14.314.315.9	1051	162	50.75	297	3.2	16	19	25	40	MM	2.0	10000	1.29	W	1310	12	35	6.5	5	7	WT	G	E	2	FC	IPR	21-MAR-05
BHA: INSERT BIT, LO SPEED MOTOR, FLOAT SUB, MONEL, PULSER SUB, MONEL, XO PIN/BOX, SHOCK SUB, DC X 4, JARS, DC X 9, HWDP X 9																															
Run Remarks: DIRECTIONAL DRILL - CHANCE 998M - MUD TEMP = 28°C																															



A Grant Prideco Company

OPERATOR : DEVON CANADA CORPORA
 CONTRACTOR : ENSIGN DRILLING
 RIG : 55
 RIG TYPE :
 API NUMBER : K58660713655N
 REED WELL NO : CAL-97
 OPERATOR REP : ROLAND BENOIT & JOHN WILLIAMS
 TOOLPUSHER :
 DIRECTNL CO. : OMNI
 WELL REMARKS :

LSD : 66 SECTION : 07 TOWNSHIP : 136 RANGE : 55N
 PROVINCE : YUKON TERRIT COUNTRY : CANADA
 WELL NAME : 66-07-136-55N/K58 DISTRICT : 5431
 LONGITUDE : 136° 55' 27.6" W
 SURVEY : ABSTRACT : BLOCK :
 FIELD : DEVON EAGLE PLAINS K-58 WELL PROFILE: Vertical
 ** CONFIDENTIAL TILL 28-MAR-07 **

PUMP1 MAKE/MODEL : /		SPUD : 22-FEB-05		PIPE SIZE/TYP		LENGTH :																								
PUMP2 MAKE/MODEL : GARDNER-DENVER/PZ7		UNDERSURFACE : 06-MAR-05		HW PIPE SIZE/TYP																										
PUMP3 MAKE/MODEL : /		INTERMEDIATE :		COLLAR 1 :																										
DRAWWORKS :		TOTAL DEPTH : 28-MAR-05		COLLAR 2 :																										
BIT NO	BIT SIZE mm	JET SIZE mm or TFA mm ²	SERIAL NO	BIT TYPE	DEPTH OUT m	DRILLED m	HRS RUN	ACC HRS	ROP m/h	WOB kdaN	TOTAL RPM	MTR RPM	VERT DEV	PUMP kPa	FLOW m ³ /min	MUD WT %S	VIS WL	I O MD LOC B G OD RP	DULL CODES	RUN/INT DATE										
13	222.3 RH	14.3 14.3 15.9	JL4474	TD61AP	1102	51	20.25	317	2.5	16 / 19	25 / 30	MM	5.1	10000	1.29	W	1320	11	34	8	3	4	T	G	E	I	1	FC	HP	24-MAR-06
BHA: INSERT BIT, LO SPEED MOTOR, FLOAT SUB, MONEL, PULSER SUB, MONEL, XO PIN/BOX, SHOCK SUB, DC X 4, JARS, DC X 9, HWDP X 9																														
Run Remarks: DIRECTIONAL DRILL - CANOE 1083M - MUD TEMP = 23°C																														
14	222.3 RH	14.3 14.3 15.9	D74378	TD53AMP	1234	132	43.50	361	3.0	15 / 17	25 / 30	MM	6.3	10000	1.29	W	1300	11	33	8	5	7	T	G	E	I	3	FC	IPR	25-MAR-06
BHA: INSERT BIT, LO SPEED MOTOR, FLOAT SUB, MONEL, PULSER SUB, MONEL, XO PIN/BOX, SHOCK SUB, DC X 4, JARS, DC X 9, HWDP X 9																														
Run Remarks: DIRECTIONAL DRILL - MUD TEMP = 28°C																														
15	222.3 RH	14.3 14.3 15.9	M16005	TD53AP	1278	44	12.25	373	3.6	16 / 18	25 / 35	MM	6.4	10000	1.29	W	1315	12	49	7.5	2	3	T	G	E	I	In	FC	TD	27-MAR-06
BHA: INSERT BIT, LO SPEED MOTOR, FLOAT SUB, MONEL, PULSER SUB, MONEL, XO PIN/BOX, SHOCK SUB, DC X 4, JARS, DC X 9, HWDP X 9																														
Run Remarks: DIRECTIONAL DRILL - MUD TEMP = 28°C																														

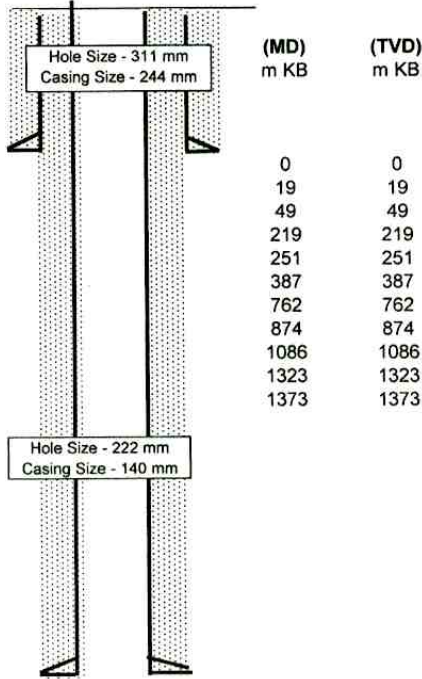


Devon Eagle Plains K-58
 Lat. 66° 07' 34.8" Long. 136° 55' 27.6"
 Exploration-Gas

License #: 1120
 Vertical Yes Sour Well
 District - Yukon Territory
 Tight Hole - Yes

Drilling Rig: Ensign # 55

Casing Bowl 279 mm x 21 MPa x 244 mm



(MD) m KB	(TVD) m KB
0	0
19	19
49	49
219	219
251	251
387	387
762	762
874	874
1086	1086
1323	1323
1373	1373

Working Interest		
Devon Canada Corporation	100.0%	AFE #: 5270083
Estimated # Days:	22	AFE Est: \$4,994,000
Elevations / Depths		
Ground Level	Survey'd	599.3 m
Kelly Bushing		604.0 m
Total Depth (TVD)		1373 mKB

Formation Tops	Depth Subsea (m)	Expected Pressure	EMD	Potential Problems
Parkin Shale	603			LC
Parkin Sand **	584	192 kPa	1030.1 kg/m ³	AP
Whitestone River	554	495 kPa	1029.8 kg/m ³	
Jungle Creek **	384	2,212 kPa	1029.6 kg/m ³	
Blackie (S4)	352	2,535 kPa	1029.5 kg/m ³	
Hart River (S3B) **	216	3,909 kPa	1029.6 kg/m ³	
Top (S3A)	159			
Chance SS *	-271	10,700 kPa	1248.0 kg/m ³	AP, S
Canoe (S1)	-483	10,969 kPa	1029.6 kg/m ³	S
Ford Lake	-720	13,362 kPa	1029.5 kg/m ³	
TD in Ford Lake	-770	13,867 kPa	1029.5 kg/m ³	

* Primary zone ** Secondary Zone (S-Sour Zone, AP-Abnormal Pressure, LC-Lost Circulation, WI-Water Injection, DP-Depleted)

Geological Evaluation	
GSC Samples	SC to TD 5m int.
Devon Samples	SC to TD 5m int.
Gas Detection	Hot Wire
Cores	None
DST	two - three anticipated
Logging-	as per geological prognosis**

Drilling Fluids -		
Surface	0 - 350	Water based Gel / Lime
Main	350 - 1373	Water based Gel system

Additional Information

** Logging program will entail porosity logs, resistance logs, side wall core and MDT.

Casing Design		
Surface	0-350 m	244.5 mm, 53.6 kg/m, J-55 ST&C
	0-1373	139.7mm, 25.31kg/m, L-80, LT&C

H₂S is possible, with a potential concentration of 0.1 % in the Chance sand and 4.3 % in the Canoe member. Release rate 0.72 m³/s, EPZ 1.8 km.
Over pressured gas is possible in the shallow Parkin sand at 19 meters. The off set well D-54 and C-33 experienced +/- 7000 kPa. Consequently a diverter system will be employed while drilling surface hole.

Cement -		
Surface	350 - 0	Lead; Glacial Mix + 20% GCR-2 Tail; 0:1:0 Class G + 2.0 % CaCl ₂
Production	1373 - 0	Lead; 1:1:2 Class "G" + 0.5% CFR Tail; 0:1:0 Class "G" + 0.3% CFL-3 + 0.2% SPC-11

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