

Storage Units: Metric

Geological Morning Report

Jan 27, 2012

Well Name: Little Bear N-9

Location:

Spud Date:

Days from Spud:

K.B. Elevation:

258.00

Ground Elevation:

253.00

Date: Jan 27, 2012

Depth (MD):

0.00

Time: 600 hrs

Depth (TVD):

0.00

Rotating Hours: 0.00 hrs

Depth (SSL):

258.00

Progress:

Average R.O.P.:

0.00

Formation: Surface

Operational Status: 24:00 Hours: Rig up kelly & rig floor
06:00 Hours: Rig service

Forecast: Spud and drill 311 surface hole

Temperature: -33C, clear

Lease Condition: Ice & snow covered

Operational Summary: Nipple up / down diverter system / rig up prefab on tank and mud system / Rig up kelly & rig floor / Pick up bit, sub 8" collar / Husky hazard hunt / repair problems / rig service

Report From: Hans Papenhoven

Report To: Wayne Dywer & Gareth Lewis

Remarks:

Storage Units: Metric

Geological Morning Report

Jan 30, 2012

Well Name: Little Bear N-9

Location: 7208547.76N, 616900.36E

Spud Date:	Jan 27, 2011 @ 15:30
Days from Spud:	368
K.B. Elevation:	258.80
Ground Elevation:	253.50

Date: Jan 30, 2012

Time: 600 hrs

Rotating Hours: 18.00 hrs

Depth (MD):	527.00
Depth (TVD):	526.87
Depth (SSL):	-268.07
Progress:	276.00
Average R.O.P.:	15.33

Formation: Little Bear

Operational Status: 24:00 Hours: Drill 311mm surface hole at 467m
06:00 Hours: Drill 311mm surface hole at 527m

Forecast: Drill ahead

Weather: Clear - 37C

Lease & Roads: Ice & snow covered

Operational Summary: Drill 311mm surface hole from 251m to 521m.

Report From: Hans Papenhoven

Report To: Wayne Dywer & Gareth Lewis

Remarks:

Survey 507.68mMD / 1.9 deg / Az 48.1 / TVD 507.56m

WOB: 2.5 / RPM: 40 + Motor / SPM: 2 X 80 0R 2 X 95 / PP: 4000 - 6000 / PO: 1.94 - 2.4

DEN: 1050 - 1160 / VIS: 52 - 56 / pH: 9.0

Well Name: Little Bear N-9
Location: 7208547.76N, 616900.36E

Spud Date: Jan 27, 2011 @ 15:30
Days from Spud: 370
K.B. Elevation: 258.80
Ground Elevation: 253.50

Date: Feb 1, 2012
Time: 600 hrs
Rotating Hours: 0.75 hrs

Depth (MD): 634.00
Depth (TVD): 633.81
Depth (SSL): -375.01
Progress: 0.00
Average R.O.P.: 0.00

Formation: Little Bear

Operational Status: 24:00 Hours: Rig service
06:00 Hours: Wait on cement

Forecast: Pressure test

Weather: Clear - 30C

Lease & Roads: Ice & Snow covered

Operational Summary: Ream & clean hole from 604m to 634m / Drill 311mm surface hole from 634m to 639m / Circulate to condition mud & hole / Trip out of hole / Safety meeting with power tong hands / Trip out of hole / Run 48 joints of 244.5mm casing / Shoe set at 639m / Wash last 2 joints to bottom / circulate to condition mud and hole / Cement casing / Lost returns, slowed pump rate to 0.5m3/min / Lost 4 - 5m3 / Displace with 26m3 water, had 19m3 left to pump / Lost returns slowed pump to 0.5m3/min / Got returns with 10m left / Hold pressure and tear out cementers / Wait on cement / Cut casing

Report From: Hans Papenhoven

Report To: Wayne Dywer & Gareth Lewis

Remarks:

Extrapolated Survey @ 634.36mMD / 2.21 deg / Az 48.95 / TVD 634.17m

WOB: 6.5 / RPM: 143 / SPM 97 + 101 / PP: 7450 / PO: 2.35

DEN: 1110 - 1125 / VIS: 47 - 85 / pH: 9.0

Storage Units: Metric

Geological Morning Report

Feb 2, 2012

Well Name: Little Bear N-9

Location: 7208547.76N, 616900.36E

Spud Date:	Jan 27, 2011 @ 15:30
Days from Spud:	371
K.B. Elevation:	258.80
Ground Elevation:	253.50

Date: Feb 2, 2012

Time: 600 hrs

Rotating Hours: 0.00 hrs

Depth (MD):	639.00
Depth (TVD):	638.81
Depth (SSL):	-380.01
Progress:	5.00
Average R.O.P.:	0.00

Formation: Little Bear

Operational Status: 24:00 Hours: Rig up pressure tester
06:00 Hours: Pressure test B.O.P.'s

Forecast: Pick up directional tools & run in hole, drill out cement

Weather: Cloudy -11C, windy

Lease & Roads: Ice & Snow covered

Operational Summary: Wait on cement / Cut casing, let bowl cool / Pressure test casing 7000KPa 10 mintes
OK / Nipple up B.O.P.'s / Pressure test manifold lines 1400 KPa low & 21000KPa high /
Rig up to pressure test B.O.P's / Pressure test

Report From: Hans Papenhoven

Report To: Wayne Dywer & Gareth Lewis

Remarks:

Storage Units: Metric

Geological Morning Report

Feb 3, 2012

Well Name: Little Bear N-9

Location: 7208547.76N, 616900.36E

Spud Date:	Jan 27, 2011 @ 15:30
Days from Spud:	372
K.B. Elevation:	258.80
Ground Elevation:	253.50

Date: Feb 3, 2012

Time: 600 hrs

Rotating Hours: 6.50 hrs

Depth (MD):	690.00
Depth (TVD):	689.75
Depth (SSL):	-430.95
Progress:	51.00
Average R.O.P.:	7.85

Formation: Little Bear

Operational Status: 24:00 Hours: Drill 222mm main hole at 642m
06:00 Hours: Drill 222mm main hole at 690m

Forecast: Drill ahead

Weather: Cloudy 0.0C

Lease & Roads: Ice & snow covered

Operational Summary: Rig up to pressure test / Pressure test B.O.P.'s / Pressure test blind rams, CR, / Install wear bushing / Pick up directional tools, orient bit / Run in hole / Displace to Invert / Drill out cement float & shoe / B.O.P. drill / drill 222mm main hole from 639m to 644m / Circulate hole clean prior to leak off test / Preform leak off test / Drill 222mm main hole from 644m to 690m

Report From: Hans Papenhoven CL Sat phone 403-736-0470

Report To: Wayne Dywer & Gareth Lewis

Remarks: Survey: 675.0mMD / 2.5 deg / Az 48.4

WOB: 3.0 / RPM: 40 + Motor / SPM: 125 / PP: 8400 / PO: 1.57

DEN: 1100 / VIS: 33

Well Name: Little Bear N-9**Location:** 7208547.76N, 616900.36E

Spud Date:	Jan 27, 2011 @ 15:30
Days from Spud:	375
K.B. Elevation:	258.80
Ground Elevation:	253.50

Date:	Feb 6, 2012
Time:	600 hrs
Rotating Hours:	18.75 hrs

Depth (MD):	1,644.00
Depth (TVD):	1,643.57
Depth (SSL):	-1,384.77
Progress:	276.00
Average R.O.P.:	14.72

Formation: Imperial Formation

Operational Status: 24:00 Hours: Drill 222mm main hole at 1574m
06:00 Hours: Drill 222mm main hole at 1644M

Forecast: Drill ahead to core point

Weather: Clear -16.8C

Lease & Roads: Ice & snow covered

Operational Summary: Drill 222mm main hole from 1368m to 1470m / H2S alarm (equipment failure) / Drill 1470m to 1644m / Safety meeting

Report From: Hans Papenhoven / Satellite phone # 403-736-0470**Report To:** Wayne Dywer & Gareth Lewis**Remarks:**

Survey: 1619.95mMD / 0.90 deg / Az 185.3 / TVD 1619.52m

WOB: 7.0 / RPM: 42 - 43 + Motor / SPM: 114 - 115 / PP: 11000 - 11300 / PO: 1.42 - 1.43

DEN: 1175 - 1200 VIS: 39 - 44

Storage Units: Metric

Geological Morning Report

Feb 8, 2012

Well Name: Little Bear N-9
Location: 7208547.76N, 616900.36E

Spud Date: Jan 27, 2011 @ 15:30
Days from Spud: 377
K.B. Elevation: 258.80
Ground Elevation: 253.50

Date: Feb 8, 2012
Time: 600 hrs
Rotating Hours: 7.75 hrs

Depth (MD): 1,706.00
Depth (TVD): 1,705.56
Depth (SSL): -1,446.76
Progress: 36.00
Average R.O.P.: 4.65

Formation: Lower Canol @ 1696mMD / TVD 1695.6m / SL -1436.8m

Operational Status: 24:00 Hours: Trip out of hole to recover core # 1
06:00 Hours: Make up core Barrel # 2

Forecast: Cut core # 2

Weather: Clear -20.0C

Lease & Roads: Ice & snow covered

Operational Summary: Pick up core barrels / run in hole / Slip & cut / Wash from 1632m to 1670m / Tagged bottom, dropped ball / Cut core # 1 from 1670m to 1706m / Circulate bottoms up / Lay down and recover core / Make up core barrel # 2

Report From: Hans Papenhoven / Satellite phone # 403-736-0470

Report To: Wayne Dywer & Gareth Lewis

Remarks: No Surveys

WOB: 3.0 / RPM: 60 / SPM: 97 / PP: 7200 / PO: 1.22

DEN: 1200 / VIS: 44

Storage Units: Metric

Geological Morning Report

Feb 10, 2012

Well Name: Little Bear N-9

Location: 7208547.76N, 616900.36E

Spud Date:	Jan 27, 2011 @ 15:30
Days from Spud:	379
K.B. Elevation:	258.80
Ground Elevation:	253.50

Date: Feb 10, 2012

Time: 600 hrs

Rotating Hours: 5.00 hrs

Depth (MD):	1,800.50
Depth (TVD):	1,800.06
Depth (SSL):	-1,541.26
Progress:	40.50
Average R.O.P.:	8.10

Formation: Lower Canol @ 1696mMD / TVD 1695.6m / SL -1436.8m

Operational Status: 24:00 Hours: Circulate bottom hole sample
06:00 Hours: Cut core # 3

Forecast: Drill and recover core # 3

Weather: Clear -15C

Lease & Roads: Ice & snow covered

Operational Summary: Trip out of hole / Recover core # 2 (cut 54 recovered 54.5m) / Make up core barrel # 3 / Run in hole / Wash from 1741m to 1760m / Drop ball / Circulate bottom hole sample / Cut core # 3 from 1760m to 1800.5m.

Report From: Hans Papenhoven / Satellite phone # 403-736-0470

Report To: Wayne Dywer & Gareth Lewis

Remarks:

WOB: 3.5 / RPM: 45 / SPM: 98 / PP: 9600 / PO: 1.22

DEN: 1250 - 1285 / VIS: 46 - 54