

API / UWI 300/O-06 6510 127000		Surface Legal Location O-6 65-10 127-00		MaxWell Job Number JOB01@2006		License No. 470
Ground Elevation (m) 252.40		Original KB/RT Elevation (m) 257.60		Casing Flange Elevation (m) 252.73		Original Spud Date 1/26/2013
Days From Spud (days) 25.50		Daily Cost Total 159,661.50		Cumulative Cost 7,352,433.28		Estimated Days
Total Job AFE Amount 10,990,100.00		Total AFE+Sup 10,990,100.00		AFE / RFE / Maint.# 10342919		
Planned Depth (TMD) (mKB) 1,873.00		Override TVD (mKB) 1,856.00		Head Count 40.0		Personnel Total Hours (hrs) 442.00
Cum Personnel Total Hours (hrs) 16,448.00		Avg Connection Gas		Avg Background Gas		Avg Trip Gas
Max H2S (ppm)		Road Condition Fair		Weather Cloudy		Temperature (°C) -34
Wind Calm		Ops and Depth @ Morning Report General rig tear out		Wellbore Original Hole		

Last 24hr Summary

No accidents or incidents 4 Hazard ID's: 2 Job observations :Circulate casing condition hole prior to cementing. Cement with Schlumberger, Lost returns with 10m3 left to displace, Bumped plug and pressure tested casing to 17.5MPA, Fluid level was visible in annulus after flushing BOP stack with 2.55m3 water, Estimated cement top 358m ,Set casing slips with 50dan tension, cut casing nipple down BOPs , clean tanks and general tear out

24hr Forecast

Tear out and move

Daily Contacts

Rig Manager, Rick Yavis; WS Supervisor, Dave Forsberg, 780-361-6417; WS Supervisor, Mike Hobmaier, 403-844-3210; Command Center, 587-794-4599; Drilling Superintend, Sheldon Vamplew, 403-999-1302; Drilling Engineer, Mike Greener, 403-771-5039

Last Casing String

Production, 1,856.00mKB

Time Log

Start Time	End Time	Dur (hrs)	Phase	Op Code	Activity Code	Time P-T-X	Operation
00:00	01:30	1.50	PROD2	DRILL	CIRC	P	Circulate casing condition hole prior to cementing production casing.
01:30	01:45	0.25	PROD2	CEMENT	SFTY	P	Safety meeting with Schlumberger
01:45	04:15	2.50	PROD2	CEMENT	CMNT	P	Cemented 177.8mm casing from surface to 1382m with 21.64 Tonne HiLite Lead cement (23.55m3)with1.2%FLAC B348,0.3%retarder and 0.2% antifoam @ 1400 KGM3, from 1382 to 1856m,12 Tonne Class"G" (9.12m3) with 0.4% fluid loss, 0.5%dispersant,0.2%antifoam and 0.3%r
04:15	07:45	3.50	PROD2	CEMENT	CMNT	P	Wait on cement
07:45	08:00	0.25	PROD2	MOVE	SFTY	P	Crew change safety meeting
08:00	08:15	0.25	DEMOB	RIGMNT	SVRG	P	Rig service function test crown saver
08:15	08:30	0.25	DEMOB	MOVE	SFTY	P	Safety meeting tear out b.o.p
08:30	12:00	3.50	DEMOB	WHDBOP	NUND	P	Nipple down b.o.p set slips with 50dan tension, cut casing and lay down b.o.p
12:00	16:00	4.00	DEMOB	MOVE	DMOB	P	Tear out rig, clean mud tanks
16:00	16:15	0.25	DEMOB	RIGMNT	SVRG	P	Rig Service
16:15	00:00	7.75	DEMOB	MOVE	DMOB	P	Tear out rig, clean mud tanks

Fluid / Mud Checks: Mud Engineer: <Mud Engineer?>

Time	Depth (mKB)	Density (kg/m³)	Funnel Viscosity (s/L)	pH	PV Override (cp)	YP Override (Pa)
Low Gravity Solids (%)	MBT (kg/m³)	Oil Water Ratio	Chlorides (mg/L)	Calcium (mg/L)	Lime (kg/m³)	Potassium (mg/L)
Electric Stab (V)	ECD - Manual Entry (...)	Sand (%)	Solids, Corr. (%)	T (fl) (°C)	HTHP Pressure (kPa)	HTHP Filt (mL/30min)
Mud Lost to Surface (m³)		Mud Lost to Hole (m³)		Daily Mud Cost		
Cum Mud Lost to Surface (m³)		Cum Mud Lost to Hole (m³)		Cumulative Mud Cost 92,827.30		

Hazard IDs, Near Misses & PJHAs

Days Since Lost Time Incident (days) 377.00		Days Since Recordable Incident (days)	
Comment "DESCRIPTION: While lifting casing off the laydown truck and going to stab vasing into the stump, hold onto casing good and tight so it does not come flying out the trough and hit someone. ACTION TAKEN: I informed all the hands to keep holding onto the casing until the swing is out of the blocks. REPORTED BY: Derrickhand CORRECTED: YES LIKELYHOOD: 2 SEVERITY: 3 DATE NOTED: 02/20/13 DATE CORRECTED: 02/20/13"			No. Rpts 11,230



Daily Drilling

COPRC LOON CREEK O-06 65-10 127-00
Rig: Beaver Drilling Ltd. 2Report Date: 2/20/2013
Report #: 38
Depth Progress: 0.00 m
Depth End: 1,856.00 mKB
Rig Release Date: 2/20/2013

Last BOP Drill

Type	Days Since Last Check (days)	Last Date	Days Until Next Check (days)	Next Date
BOP Drill (Pit)	8	2/12/2013	-1	2/19/2013

Safety Incidents

Time	Comment	Type

Drill Strings: BHA # <BHA No.??>

Bit Run	Drill Bit	Length (m)	IADC Bit Dull		TFA (incl Noz) (mm²)	BHA ROP (m/hr)
Nozzles (mm)		String Length (m)		OD (mm)		Rotating Hook Load (maximum) (daN)
Depth In (mKB)	Depth Out (mKB)	Avg ROP (m/hr)	Depth This Job (m)	Total Depth Drilled ...	Job Drill Hrs (hrs)	Total Drill Hrs (hrs)

Drill String Components

Item Description	ID (mm)	OD (mm)	Jts	Len (m)	Cum Len (m)

Drilling Parameters:

Cum Depth (m)	Cum Drill...	Int ROP (...)	Flow Rat...	WOB (daN)	RPM (r...	SPP (kPa)	Drill Str Wt (d...	SO Str Wt (da...	PU Str Wt (da...	Off-Btm Str ...	Drill Tq

Hydraulic Calculations

Bit Hydraulic Pow...	HP/Area (kW/mm²)	% P @ bit (%)	Jet Vel (m/s)	Bit dP (kPa)	Ann. dP (kPa)	Mud Density (kg/m³)	ECD End (kg/m³)
Drill String Volume (...)	Bit to Shoe Volume (...)	Shoe to Top of Casin...	Min Casing AV (m/min)	Max Casing AV (m/min)	Min Open Hole AV (m...	Max Open Hole AV (...)	

Error

Mud Pumps: 1, NATIONAL, 8-P-80

Pump Number	Make	Model	Rod Diameter (mm)	Stroke Length (mm)
1	NATIONAL	8-P-80		216.0

Pump Checks

Date	Depth (mKB)	Q (m³/min)	Pres (kPa)	Strokes (spm)
2/19/2013 00:00	1,855.00		686	59
2/20/2013 00:00				115

Pump Operations

Start Date	End Date	Liner Size (mm)	P (max) (kPa)	Vol/Stk OR (m³/stk)
1/29/2013		140.0		

Mud Pumps: 2, NATIONAL, 8-P-80

Pump Number	Make	Model	Rod Diameter (mm)	Stroke Length (mm)
2	NATIONAL	8-P-80		216.0

Pump Checks

Date	Depth (mKB)	Q (m³/min)	Pres (kPa)	Strokes (spm)
2/10/2013 08:00	1,724.00	0.587	357	60
2/10/2013 18:00	1,747.00	1.232	5,300	126

Pump Operations

Start Date	End Date	Liner Size (mm)	P (max) (kPa)	Vol/Stk OR (m³/stk)
1/29/2013		140.0		
2/5/2013		140.0		

Shaker Screens

Description	Make	Model	Deck No.	Start Date	End Date	Screen No.	Scr Sz X	Scr Sz Y
1	NOV	KING COBRA	2	1/23/2013		1	84	84

Centrifuges/Cyclones:

Number	Make	Model	Diameter (mm)

Centrifuge/Cyclone Checks

Date	Hrs (hrs)	RPM (rpm)	Dens OF (kg/m³)	Q (ovrflw) (L/min)	Dens UF (kg/m³)	Q (undrflw) (L/min)

Fluid / Mud Additive Amounts

Description	Consumed	Cost	Size	Units

Survey Data

Date	MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)	Depart (m)	NS (m)	EW (m)	VS (m)	DLS (°/30m)

Formations

Formation Name	Drill Top MD (mKB)
Quaternary System	5.00
Little Bear	31.00



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Formations

Formation Name	Drill Top MD (mKB)
Slater River	36.00
Artic Red	570.00
Sams Sault	787.00
Martin House	882.50
Imperial Shale	962.00