

API / UWI 200/C-011-L/094-P-16/99		Surface Legal Location C-011-L/94-P-16		MaxWell Job Number JOB01@2006		License No. EL470					
Ground Elevation (m) 281.30		Original KB/RT Elevation (m) 286.50		Casing Flange Elevation (m) 281.63		Original Spud Date 2/25/2013		Days From Spud (days) 28.29			
Daily Cost Total 60,710.50		Cumulative Cost 6,579,339.84		Total Job AFE Amount 10,274,600.00		Total AFE+Sup 10,274,600.00		AFE / RFE / Maint.# 10343209		Estimated Days 36.29	
Planned Depth (TMD) (mKB) 2,156.00		Override TVD (mKB)		Head Count 49.0		Personnel Total Hours (hrs) 492.00		Cum Personnel Total Hours (hrs) 16,752.00			
Avg Connection Gas		Avg Background Gas		Avg Trip Gas				Max H2S (ppm)			
Road Condition Good		Weather Partly Cloudy		Temperature (°C) -8				Wind East 20km/hr.			
Ops and Depth @ Morning Report Rest crew and truck drivers to finish racking rig.								Wellbore Original Hole			

Last 24hr Summary No accidents or incidents 4 Hazard ID's: 0 Job observations: Move rig to rack site and load out rental equipment for demobilization,							
24hr Forecast Finish racking rig on rack site							
Daily Contacts Drilling Superintendent, Sheldon Vamplew, 403-999-1302; Rig Manager, Rick Yavis; WS Supervisor, Mike Hobmaier, 403-844-3210; Rig Manager, RICK YAVIS; WS Supervisor, Dave Forsberg, 780-361-6417; Command, Center, 587-794-4599; Drilling Engineer, Mike Greener,							
Last Casing String Production, 2,146.00mKB							

Time Log							
Start Time	End Time	Dur (hrs)	Phase	Op Code	Activity Code	Time P-T-X	Operation
00:00	00:15	0.25	DEMOB	MOVE	DMOB	P	Held prejob safety meeting with Beaver crews,Mullen trucking and Conoco representatives prior to tearing out rig and moving to rack site.
00:15	12:00	11.75	DEMOB	MOVE	DMOB	P	Tear outrig and move to rack site,along with rentals

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 135,910.70			

Hazard IDs, Near Misses & PJHAs			
Days Since Lost Time Incident (days) 410.00		Days Since Recordable Incident (days) 410.00	
Comment			No. Rpts

Last BOP Drill			
Type	Days Since Last Check (days)	Last Date	Days Until Next Check (days)
BOP Drill (Pit)	6	3/19/2013	-5
		3/20/2013	

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)					
Comment					

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										



Daily Drilling
COPRC MIRROR LAKE N-20 65-00 126-45
Rig:

Report Date: 3/25/2013
Report #: 33
Depth Progress: 0.00 m
Depth End: 2,146.00 mKB
Rig Release Date:

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)
3/20/2013 00:00	2,145.00	0.782	1,619	80
3/23/2013 08:00				75

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)
3/11/2013 14:00	1,957.00	1.173	4,900	120
3/11/2013 16:00	1,962.00	0.616	1,651	63

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	2/25/2013	3/3/2013	1	84	84

Centrifuges/Cyclones: HGS Centrifuge, Brandt, 4000

Number	Make	Model	Diameter (mm)
1	Brandt	4000	

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)
Little Bear	20.00
Slater River	241.00
Arctic Red	829.00
Sans Sault	988.00
Martin House	1,138.00
Imperial	1,172.00
Upper Canol	1,931.00
Lower Canol	1,967.00
Hare Indian	
Bluefish Member	
Hume	2,093.00