

Daily Morning Report

COPRC MIRROR LAKE N-20 65-00 126-45

Report #: 8
Report Date: 2/8/2016
Final Job Status:
Final Report? No

WELL HEADER INFORMATION

Country CANADA	State/Province N.W.T.	Region / Division WCBU	District NEW VENTURES	Field Name Mirror Lake	Field Code
Surface Legal Location N20 65-00 126-45		API / UWI 300/N20 65-00 126-45/0		License No. EL 470 WID 2079	
Orig KB/RT (m) 286.50	Ground Elevation (m) 281.30	KB-Grd (m) 5.20	KB-CF (m) 4.87	KB-TF (m) 4.32	Total Depth (mKB) 2,146.00 PBTD (All) (mKB) Original Hole - 2,127.00

JOB INFORMATION

Job Category ABANDONMENT	Primary Job Type ABANDONMENT P&A	Secondary Job Type SURFACE CASING VENT	Total Field Estimate (Cost) 196,674.28
Objective Abandon Cut and Cap			
Actual Start Date 1/16/2016 14:00	End Date	Abandon Date	Responsible Grp 1 coved Responsible Grp 2 lborbel Responsible Grp 3 Chris Tucker

AFE COST SUMMARY

AFE / RFE / Maint.# 10385949	Total AFE Amount (Cost) 1,310,000.00	Total AFE + Supp Amount (Cost) 1,310,000.00	Total Field Estimate (Cost) 196,674.28	AFE-Field Estimate (Cost) 1,113,325.72
AFE / RFE / Maint.# 10385945	Total AFE Amount (Cost) 946,350.00	Total AFE + Supp Amount (Cost) 946,350.00	Total Field Estimate (Cost)	AFE-Field Estimate (Cost) 946,350.00

DAILY INFORMATION

Report Start Date 2/8/2016 07:30	Report End Date 2/8/2016 18:00	Daily Cost Total (Cost) 40,654.32	Cumulative Cost (Cost) 196,674.28	Personnel Regular Hours (hr) 104.00
Daily Contacts WS Superintendent, Derrick Cove, 780-831-1314; Abandonment Engineer, Louis Borbely, 403-650-3939; WS Supervisor, Chris Tucker, 780-882-9501				Rig C&J Energy Services, 217
Tubing Pressure (kPa)	Casing Pressure (kPa)	Weather Sunny	Temperature (°C) -26	Lease Condition good

Last 24hr Summary

GR/CCL logged wellbore, Perforated intervals from 2068-2070mKB and 2015-2017mKB Twice. Once with Normal guns then Reverse guns. Got feed rates of 620L/min @ 10MPa, 400L/min @ 9.5MPa, 200L/min @ 8.6MPa, 100L/min @ 6.8MPa and 42L/min @ 6MPa

24hr Forecast

RIH with 60.3mm Tbg to 2100mKB, 30m below lower interval. Great ready for cement job on Wed. Feb. 10th.

PROCESS SAFETY REPORTING

Start Date		End Date		Process Safety Event	Activity at Time of Event
Start Time	End Time	Dur (hr)	Time P-T-X	Operation	
07:30	08:00	0.50	P	Held PJHA # 02082016 meeting all personal on location. Talked about possible hazards and ways they will be avoided. Discussed today's operations and procedures and about past incidents we have had in the oil industry.	
08:00	08:30	0.50	P	Performed Daily walk around equipment, looked for any fuel leaks or containment spills, all good. Swept lease with gas monitor with no LELs detected.	
08:30	17:00	8.50	P	SICP = Slight Vac. Rigged up E-line, Pressure tested Lubicator to 21MPa for 10mins, test good. E-Line runs as follows: <ol style="list-style-type: none"> RIH with GR/CCL log. Checked against Cement bond log dated March 27th, 2013. Log on depth. POOH. RIH with two 127mm x 2meter guns, normal 50° phasing, logged on depth, Checked against GR/CCL log. Shot interval 2068mKB-2070mKB and 2015-2017mKB. POOH No change in well, fluid level looks to be at about 20M down. Gun carrier looks in good shape with minimal swelling. All shots fired center shot. RIH with two 127mm x 2meter guns, this time with reverse 50° phasing. Logged on depth and shot intervals 2068-2070mKB and 2015-2017mKB again. POOH Still no change in wellbore, Fluid level seems to be the same spot. Gun carrier looks in good shape with minimal swelling. All shots fired center shot. Rig down Lubicator and e-line equipment.	
17:00	18:00	1.00	P	Pumped down Casing to establish a feed rate. Filled casing with 500L and started to pressure up. Pumped 1m³ and began feed rate measurements as follows with rig pump: 620L/min @ 10MPa 400L/min @ 9.5MPa 200L/min @ 8.6MPa 100L/min @ 6.8MPa 42L/min @ 6.0MPa	
18:00	19:30	1.50	P	Shut down Pump and drained all surface equipment for night. Capped and secure well. SDFN	

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FLUID SUMMARY

Fluid	To lease (m³)	From lease (m³)	To well (m³)	From well (m³)	Left to recover (m³)
FRESH WATER	0.00	0.00	0.00	0.00	2.50

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Service Rig	C&J ENERGY PRODUCTION SERVICES CANADA LTD	E120	12,000.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	1,200.00
Surface Completion Equipment Rental	CENTRAL MACKENZIE ENVIRONMENTAL LTD	Q300	40.00
Surface Completion Equipment Rental	CENTRAL MACKENZIE ENVIRONMENTAL LTD	Q300	60.00
Surface Completion Equipment Rental	CENTRAL MACKENZIE ENVIRONMENTAL LTD	Q300	20.00
Surface Completion Equipment Rental	CORNERSTONE OILFIELD SERVICES LTD	Q300	175.00
Electric Line Servs on Drilling Ops.	LONKAR SERVICES A/D/O SCHLUMBERGER CANAD ...	K100	19,254.82
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	325.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	75.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	75.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	75.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	185.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	185.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	185.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	185.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	125.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	705.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	350.00
Completion Fluids & Other Chem	PBN ENERGY SERVICES LTD	G300	1,749.50
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Wellsite Supervision & Engineering	TECTONIC ENERGY CONSULTING INC	T130	1,620.00
Surface Completion Equipment Rental	TRUMPETER CAMP COMPANY PARTNERSHIP LTD	Q300	1,200.00
Surface Completion Equipment Rental	TRUMPETER CAMP COMPANY PARTNERSHIP LTD	Q300	450.00
Surface Completion Equipment Rental	TRUMPETER CAMP COMPANY PARTNERSHIP LTD	Q300	350.00
Surface Completion Equipment Rental	TRUMPETER CAMP COMPANY PARTNERSHIP LTD	Q300	50.00

CUMULATIVE JOB FLARED GAS BY ZONE

Zone	Volume Gas Total (E3m³)
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PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
2/8/2016	Basal Lower Canol, Ori...	2,068.00	270.00	175.0	
3/27/2013	Basal Lower Canol, Ori...	2,059.00	2,060.00	20.0	Plugged
3/28/2013	Middle Lower Canol, O...	2,023.00	2,024.00	20.0	Plugged
2/8/2016	Basal Lower Canol, Ori...	2,015.00	2,017.00	17.5	
3/28/2013	Upper Lower Canol, Or...	1,993.00	1,994.00	20.0	Plugged