

# Daily Morning Report

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

Report #: 29  
Report Date: 2/29/2016  
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 - 855.10

### JOB INFORMATION

Job Category ABANDONMENT	Primary Job Type ABANDONMENT P&A	Secondary Job Type SURFACE CASING VENT	Total Field Estimate (Cost) 1,462,630.32
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) 1,462,630.32	AFE-Field Estimate (Cost) -152,630.32
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 2/29/2016 07:30	Report End Date 2/29/2016 19:00	Daily Cost Total (Cost) 18,134.00	Cumulative Cost (Cost) 1,462,630.32	Personnel Regular Hours (hr) 124.00
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 Overcast	Temperature (°C) -20	Lease Condition good

### Last 24hr Summary

Rig out service rig equipment. Clean tanks and pick up around lease. Move fluids as needed to move Boilers and tanks to town. Performed another 10min bubble test on SCV with NO flow detected. Test Passed. Clean out Back of rig tank.

### 24hr Forecast

Finish cleaning rig tank and rigging out service rig equipment. Vent nanny monitoring well.

### 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 # 02292016 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	15:00	6.50	P	Rig out service rig equipment. Loaded out fluids from tanks and rig tank. Layed derrick over and prepared blocks and some line so it is easier to remove derrick in CPC yard on Friday. Cleaned up around lease. Performed another 10min SCVF bubble test with NO flow detected, test passed. Moved rig to town and plugged in in CPC yard to light Tower, ready to remove derrick and send back to Sylvan Lake when trucks arrive.	
15:00	19:00	4.00	P	Vac Truck and steamer arrived on location at 1500hrs. Held PJHA meeting on confined space entry for rig tank cleaning. Printed off CPC COP on confined space entry and filled out paper work. C&J Confined Space entry also discussed and completed. Started work on cleaning rig tank. Cement in tank was hard, estimate 2m³ of cement. Taking long time to clean, Finished loading Vac truck with dirty water and sent to disposal. Will finish cleaning tank in AM with a new empty Vac truck.  Note: Top of perms @ 873mKB Resin Cement top @ 874mKB, Bottom of perms. PBP set @ 864mKB CE, (9m above perms) Top @ 863.8mKB, Bottom @ 864.3mKB Class "G" 1680kg/m cement top @ 855.1mKB. Wellbore filled with Potable water TDS<4000mg/L Water level in well @ 67.81m below surface. Both Bubble tests passed.	

### FLUID SUMMARY

Fluid	To lease (m³)	From lease (m³)	To well (m³)	From well (m³)	Left to recover (m³)
FRESH WATER	0.00	21.00			109.70

### DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BP PUMP LTD	Q300	40.00
Service Rig	C&J ENERGY PRODUCTION SERVICES CANADA LTD	E120	11,259.00

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BU Desc	Vendor	Activity Code	Amount (Cost)
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	HRN CONTRACTING LTD	Q300	175.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	200.00
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	1,205.00
Completion Fluids & Other Chem	PBN ENERGY SERVICES LTD	G300	1,890.00
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	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	2,070.00	17.5	Squeezed
2/8/2016	Basal Lower Canol, Ori...	2,068.00	2,070.00	17.5	Squeezed
3/27/2013	Basal Lower Canol, Ori...	2,059.00	2,060.00	20.0	Squeezed
3/28/2013	Middle Lower Canol, O...	2,023.00	2,024.00	20.0	Squeezed
2/8/2016	Basal Lower Canol, Ori...	2,015.00	2,017.00	17.5	Squeezed
2/8/2016	Basal Lower Canol, Ori...	2,015.00	2,017.00	17.5	Squeezed
3/28/2013	Upper Lower Canol, Or...	1,993.00	1,994.00	20.0	Squeezed
2/14/2016	Upper Lower Canol, Or...	1,938.00	1,940.00	17.5	Squeezed
2/14/2016	Upper Lower Canol, Or...	1,938.00	1,940.00	17.5	Squeezed
2/17/2016	Imperial , Original Hole	1,906.00	1,908.00	17.5	Squeezed
2/17/2016	Imperial , Original Hole	1,906.00	1,908.00	17.5	Squeezed
2/20/2016	Imperial , Original Hole	1,623.00	1,625.00	17.5	Squeezed
2/20/2016	Imperial , Original Hole	1,623.00	1,625.00	17.5	Squeezed
2/22/2016	Imperial , Original Hole	1,170.50	1,173.50	17.5	Squeezed
2/26/2016	Basal Lower Canol, Ori...	873.00	874.00	17.5	Squeezed
2/26/2016	Basal Lower Canol, Ori...	873.00	873.90	108.0	Squeezed
2/26/2016	Basal Lower Canol, Ori...	873.00	874.00	17.5	Squeezed