

# Daily Morning Report

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

Report #: 31  
Report Date: 3/2/2016  
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) 1,524,259.32
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) 1,524,259.32	AFE-Field Estimate (Cost) -214,259.32
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 3/2/2016 07:30	Report End Date 3/2/2016 18:00	Daily Cost Total (Cost) 7,761.00	Cumulative Cost (Cost) 1,524,259.32	Personnel Regular Hours (hr) 136.00
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) -15	Lease Condition good

### Last 24hr Summary

Moved equipment off lease back to CPC yard Norman Wells. Excavated around wellhead for cut and cap purposes.  
Performed SCV 10min bubble test, NO flow detected, test passed.  
Broke down SCV to ensure there isnt any blockages.  
Cut and Capped, well.

### 24hr Forecast

Finish moving equipment, turn over to Construction

### 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 # 03022016 meeting all personal on location. Talked about possible hazards and ways they will be avoided. Discussed todays operations and procedures and about past incidents we have had in the oil industry. Covered confined space entry forms with all personal and reviewed CPC COP on Confined Space.		
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	14:00	5.50	P	Moved service rig equipment to town. Positioned equipment left on location for easy loading for tomorrow. Moved most rentals alos to CPC yard in Norman Wells. Performed a 10min SCV flow bubble test with NO flow detected. Test passed. Broke down SCV to make sure there isnt any blockages in lines, and there wasnt any. Ready to start Cut and Cap operations with WSS Mike Flett.		
14:00	14:30	0.50	P	Held a PJHA # 03022016 with NuWave Industries, HRN track hoe operator on cutting and capping the well. Discussed removing the wellhead components, spotting/rigging up, NuWave's Ultra High Pressure Jet Cutter Procedure, cold weather and the associated hazards. Reviewed the site ERP and Injured Worker Transportation Plan with crew members. Crew members safety tickets and orientations checked and valid.		
14:30	16:30	2.00	P	<p>Spotted NuWave truck.</p> <p>Set casing cutting tool for 2.59 meters which places the vented cap at 1.5 meters below ground level.</p> <p>Rigged in cutting tool and performend the cut. Rigged out cutting tool.</p> <p>Pulled the csg flange and csg out and conductor barrel of the cellar with the track hoe.</p> <p>There may have been a few small pieces of cement that had fell down in to the production csg when the assembly was pulled from the cellar.</p> <p>Welded the UWI and date on the vented casing camp w/centrilizer and installed it in the 114.3 mm production casing.</p> <p>Cleaned up all tools and equipment.</p> <p>Released contractors.</p> <p>See Cut &amp; Cap pictures in Attachments.</p> <p>Cut off pipe segment measurements:</p> <p>Production casing: 2.43 meters</p> <p>Surface: 1.90 meters</p> <p>Conductor: 1.67 meters</p> <p>The wellhead assembly will sent to Stream Flo in Edmonton, AB.</p> <p>SDFN.</p>		

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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	21.00			109.70

### DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BP PUMP LTD	Q300	40.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	175.00
Pressure Truck/Hot Oiler	NUWAVE INDUSTRIES INC	S990	3,140.00
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	185.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	705.00
Completion Fluids & Other Chem	PBN ENERGY SERVICES LTD	G300	756.00
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)

### 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