

Daily Morning Report

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

Report #: 12
Report Date: 2/12/2016
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) 390,267.02
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) 390,267.02	AFE-Field Estimate (Cost) 919,732.98
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 2/12/2016 07:30	Report End Date 2/12/2016 16:00	Daily Cost Total (Cost) 18,595.00	Cumulative Cost (Cost) 390,267.02	Personnel Regular Hours (hr) 120.00
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 Clear	Temperature (°C) -18	Lease Condition good

Last 24hr Summary

SITP = 12.3MPa, SICP = 12.3MPa
Bleed off pressure then pressured up to 14MPa, test passed. RIH and solid tagged @ 1947.5mKB with 1800daN. POOH. RIH with mud motor and mill. Re-Tagged @ 1947.3mKB, solid tag with 1800daN. Pulled up 5 joints for night.

24hr Forecast

Start drilling down to 1963mKB, 30m above perfs. Leaving Cement top 23m below 1940 (bottom of next perfs)

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	08:30	1.00	P	Held PJHA # 02122016 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. Note: OROGO office and regulators at 0730hrs safety meeting on location for visit, should personal around location and informed them of operations and procedures that are followed. Note: Crew change today for C&J energy services.	
08:30	09:00	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.	
09:00	11:00	2.00	P	SITP = 12.3MPa, SICP = 12.3MPa Blew lines down with Steam, opened well to rig tank to bleed off pressure. Opening time @ 09:05hrs. Started pumping down Csg to pressure test cement to 14MPa @ 09:09hrs Pressured up to 14MPa at 09:14hrs, had to bump pressure once. Bleed off pressure @ 09:34hrs, 14MPa pressure test good for 10mins. Pass.	
11:00	14:00	3.00	P	RIH slow with Tbg, Tagged cement top @ 1947.5mKB. Set 1800daN on cement top for a solid tag. Checked numbers of Tbg on racks. 225 on location, tagged on 203, 22 on the racks. POOH with Tbg to derrick. Held BOP drill, everyone @ muster point 1 in 1.42mins. Good drill.	

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Start Time	End Time	Dur (hr)	Time P-T-X	Operation
14:00	15:00	1.00	P	Put together BHA as follows: 0.16m - 155mm OD - Bearclaw 0.22m - Crossover 0.18m - Crossover 0.24m - Float Sub 4.31m - CoilTOOLS High Performance Motor7:8 Lobe 3.0 stage, Flow Range 303-636LPM, Rev per Litre- .48, Speed No Load- 144-303RPM, No Load pressure 1333kpa, Max Differential Pressure-4826kpa, Torque (@Max differential)- 990ftlbs 0.20m - Crossover 0.88m - Motorhead Rugged, Hydraulic Disconnect, 1 1/8" Activation Ball, 4 Steel Pins - 27.8, Dual Acting Circulating Sub, 1" Activation Ball, 5 Steel Pins, With Ball - 16 MPa, Without Ball - 35 MPa 0.19m - Crossover 1.25m - Tbg pup joint 0.30m - 'X' nipple 1 joint up from motorhead. Total BHA = 7.93meters.
15:00	18:00	3.00	P	RIH with BHA and tagged Cement top @ 1947.3mKB. Set 1800daN on cement for solid tag. Confirmed joint numbers. 225 on location tagged on joint 202, 23jts on the racks. POOH with 5 Joints to drop fluid level. SDFN
18:00	19:00	1.00	P	Capped and secured well. Drained all surface equipment, SDFN

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	8.50

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BP PUMP LTD	Q300	20.00
Service Rig	C&J ENERGY PRODUCTION SERVICES CANADA LTD	E120	10,298.00
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	HRN CONTRACTING LTD	Q300	175.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	325.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	325.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,205.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,522.00
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
Completion Fluids & Other Chem	PBN ENERGY SERVICES LTD	G300	1,050.00
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	175.0	Open - Not Flowing
3/27/2013	Basal Lower Canol, Ori...	2,059.00	2,060.00	20.0	Open - Not Flowing
3/28/2013	Middle Lower Canol, O...	2,023.00	2,024.00	20.0	Open - Not Flowing
2/8/2016	Basal Lower Canol, Ori...	2,015.00	2,017.00	17.5	Open - Not Flowing
3/28/2013	Upper Lower Canol, Or...	1,993.00	1,994.00	20.0	Open - Not Flowing