

Daily Morning Report

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

Report #: 40
Report Date: 3/29/2014
Final Job Status: GAS
Final Report? Yes

ALL HEADER INFORMATION

Country CANADA	State/Province N.W.T.	Region / Division WCBU	District NEW VENTURES	Field Name Mirror Lake	Field Code
Surface Legal Location P-20 65-00 126-45	API / UWI 200/D-020/L094P1699	License No. EL 470			
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00
					PBTD (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
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Objective

New Ventures HZ Canol Formation completion

Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved	Responsible Grp 2 lagartn	Responsible Grp 3 Chris Kendall
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AFE COST SUMMARY

AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 3/29/2014 06:00	Report End Date 3/30/2014 06:00	Daily Cost Total (Cost) 66,260.00	Cumulative Cost (Cost) 18,583,310.14	Personnel Regular Hours (hr) 228.00
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Daily Contacts

WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theorn LaGarde, 403-710-9753; WS Supervisor, Donald Williams, 403-352-6925; WS Supervisor, Justin Minault, 403 391-0714

Tubing Pressure (kPa) 6,391	Casing Pressure (kPa) 9,893	Weather Clear	Temperature (°C) -24	Lease Condition Ice Pad / Snow Covered
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Last 24hr Summary

Continue to Flow well to Weatherford testers. Well flowing on a 12.70mm choke, monitoring gas rates ensuring not to exceed 283e³m³/d gas rate (as per NEB).

Continue Hauling Load fluid to Tank Farm in CPC YVQ yard

00 = 305 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 302 hrs FLARE

FTP:6208kPaSICP:9719 kPaDHP=11736.6kPaIntermediate CSG = TSTMFlow Temp: 39 °cMeter Run Temp: 22 °cChoke size: 12.7mmGas Rate:92.13E³m³/dGas to Flare last 6 hrs:22.94E³m³Cumulative Gas to Flare:881.72E³m³ILFTR: 7919.81m³LFR last hour: 2.24 m³LFR last 6 hours:13.70m³ (hourly average last 6 hours =2.28m³/hr)TLFR:1490.45m³TLFLTR:6429.36 m³Oil rec. last hour: 0.18m³Oil rec. last 6 hours:1.05 m³Cumulative Oil rec:41.02m³Salinity: 59000 ppmPH: 7Sand: 0Surface Total =95.1m³Api = 62.9@15.6 CHrs Flowed = 305 HRS 30 MINH³S = 0.40 ppmCO₂= 1.8%

24hr Forecast

Continue to flow the well to testers.

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:00	06:00		P	WSS shift change and handover.
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam. Check all personnel's safety tickets. All Valid.
06:30	06:30		P	Haul 100m ³ flowback to CPC YVQ Yard for storage. Haul 25.88m ³ produced oil to Imperial Oil facility in Norman Wells. Conduct PJHA meeting with trucking crew regarding lifting 400bbl tanks out of containment, loading onto trailer and hauling to yard in Norman Wells. Remove 4x uninsulated 400bbl Tanks from containment, load up, secure and haul to Hodgson's yard in Norman Wells.

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Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:30	12:00	5.50	P	<p>12:00 = 287 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 284 hrs FLARE</p> <p>FTP:6230 kPa SICP: 9879 kPa DHP= 11979.2 kPa Intermediate CSG = TSTM Flow Temp: 40 °c Meter Run Temp: 25 °c Choke size: 12.7mm Gas Rate: 86.96 E³m³/d Gas to Flare last 6 hrs:23.16 E³m³ Cumulative Gas to Flare: 812.57 E³m³ ILFTR: 7919.81m³ LFR last hour: 2.45 m³ LFR last 6 hours:15.16 m³ (hourly average last 6 hours =2.52m³/hr) TLFR:1453.46m³ TLFLTR:6466.35m³ Oil rec. last hour: 0.18m³ Oil rec. last 6 hours:1.12m³ Cumulative Oil rec:38.21m³ Salinity: 58000 ppm PH: 7 Sand: 0 Surface Total = 80.18m³ Api = 59.7@15.6 C Hrs Flowed = 287 HRS 30 MIN H²S = 0.40 ppm CO2= 2%</p> <p>Pro Technics sample #28 Taken @ 12:00</p>
12:00	18:00	6.00	P	<p>18:00 = 293 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 290 hrs FLARE</p> <p>FTP:6232kPa SICP: 9800 kPa DHP= 11790kPa Intermediate CSG = TSTM Flow Temp: 39 °c Meter Run Temp: 24 °c Choke size: 12.7mm Gas Rate: 89.95E³m³/d Gas to Flare last 6 hrs:23.18E³m³ Cumulative Gas to Flare: 835.75E³m³ ILFTR: 7919.81m³ LFR last hour: 1.76 m³ LFR last 6 hours:9.28m³ (hourly average last 6 hours =1.55m³/hr) TLFR:1462.74m³ TLFLTR:6457.07 m³ Oil rec. last hour: 0.14m³ Oil rec. last 6 hours:0.70 m³ Cumulative Oil rec:38.90m³ Salinity: 53000 ppm PH: 7 Sand: 0 Surface Total = 65.28m³ Api = 62.9@15.6 C Hrs Flowed = 293 HRS 30 MIN H²S = 0.40 ppm CO2= 2%</p>
18:00	18:00		P	WSS shift change and handover.
18:00	18:30	0.50	P	<p>Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam.</p> <p>Check all personnel's safety tickets. All Valid.</p>

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DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
18:30	00:00	5.50	P	00:00 = 299 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 296 hrs FLARE FTP:6208kPa SICP:9786 kPa DHP=11817.4kPa Intermediate CSG = TSTM Flow Temp: 39 °c Meter Run Temp: 25 °c Choke size: 12.7mm Gas Rate: 89.36E³m³/d Gas to Flare last 6 hrs:23.03E³m³ Cumulative Gas to Flare:858.78E³m³ ILFTR: 7919.81m³ LFR last hour: 2.23 m³ LFR last 6 hours:14.01m³ (hourly average last 6 hours =2.33m³/hr) TLFR:1476.75m³ TLFLTR:6443.06 m³ Oil rec. last hour: 0.18m³ Oil rec. last 6 hours:0.1.06 m³ Cumulative Oil rec:35.99m³ Salinity: 59000 ppm PH: 7 Sand: 0 Surface Total =80.35m³ Api = 62.15@15.6 C Hrs Flowed = 299 HRS 30 MIN H²S = 0.50 ppm CO2= 1.8%
06:00	06:00	6.00	P	06:00 = 305 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 302 hrs FLARE FTP:6208kPa SICP:9719 kPa DHP=11736.6kPa Intermediate CSG = TSTM Flow Temp: 39 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate:92.13E³m³/d Gas to Flare last 6 hrs:22.94E³m³ Cumulative Gas to Flare:881.72E³m³ ILFTR: 7919.81m³ LFR last hour: 2.24 m³ LFR last 6 hours:13.70m³ (hourly average last 6 hours =2.28m³/hr) TLFR:1490.45m³ TLFLTR:6429.36 m³ Oil rec. last hour: 0.18m³ Oil rec. last 6 hours:1.05 m³ Cumulative Oil rec:41.02m³ Salinity: 59000 ppm PH: 7 Sand: 0 Surface Total =95.1m³ Api = 62.9@15.6 C Hrs Flowed = 305 HRS 30 MIN H²S = 0.40 ppm CO2= 1.8%

FLUID SUMMARY

Fluid	To lease (m³)	From lease (m³)	To well (m³)	From well (m³)	Left to recover (m³)
	0.00	0.00	0.00	0.00	
FRESH WATER	0.00	100.00	0.00	52.15	6,429.36
PRODUCED OIL	0.00	25.88	0.00	3.93	-41.02

Y COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,300.00
Service Rig	CANOL OILFIELD SERVICES INC	E120	2,000.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00

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DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	23,346.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	2,200.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	1,700.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	244.00
Wellsite Supervision & Engineering	DON WILLIAMS - BIRD DOG	T130	1,595.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	MARQUIS ALLIANCE ENERGY GROUP INC	T130	1,100.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,595.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Welltesting (Eqpmt,Srvcs,PTA,Gov't Subs)	WEATHERFORD CANADA PARTNERSHIP	M220	17,395.00

CUMULATIVE JOB FLARED GAS BY ZONE

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing

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PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

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Final Job Status: GAS
Final Report? Yes

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 P-20 65-00 126-45		API / UWI 200/D-020/L094P1699		License No. EL 470			
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00	PBSD (All) (mKB) Original Hole - 3,129.60	
JOB INFORMATION							
Job Category COMPLETIONS		Primary Job Type INITIAL COMPLETION		Secondary Job Type RIGLESS		Total Field Estimate (Cost) 20,251,383.86	
Objective New Ventures HZ Canol Formation completion							
Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved	Responsible Grp 2 lagartn	Responsible Grp 3 Chris Kendall		
AFE COST SUMMARY							
AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00		Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50		
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00		Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36		
DAILY INFORMATION							
Report Start Date 3/30/2014 06:00	Report End Date 3/31/2014 06:00	Daily Cost Total (Cost) 44,189.00		Cumulative Cost (Cost) 18,627,499.14	Personnel Regular Hours (hr) 228.00		
Daily Contacts WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theorn LaGarde, 403-710-9753; WS Supervisor, Donald Williams, 403-352-6925; WS Supervisor, Justin Minault, 403 391-0714					Rig RIGLESS, RIGLESS 1		
Tubing Pressure (kPa) 6,208	Casing Pressure (kPa) 9,719	Weather Clear		Temperature (°C) -24	Lease Condition Ice Pad / Snow Covered		
Last 24hr Summary Continue to Flow well to Weatherford testers. Well flowing on a 12.70mm choke, monitoring gas rates ensuring not to exceed 283e³m³/d gas rate (as per NEB). Continue Hauling Load fluid to Tank Farm in CPC YVQ yard 00.00 = 329 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 326 hrs FLARE FTP:5410kPaSICP:9500kPaDHP=11525.8kPaIntermediate CSG = TSTMFlow Temp: 38 °cMeter Run Temp: 21 °cChoke size: 12.7mmGas Rate:85.22E³m³/dGas to Flare last 6 hrs:23.07E³m³Cumulative Gas to Flare:973.93E³m³ILFTR: 7919.81m³LFR last hour: 2.18 m³LFR last 6 hours:12.65m³ (hourly average last 6 hours =2.10m³/hr)TLFR:1541.70m³TLFLTR:6378.11 m³Oil rec. last hour: 0.17m³Oil rec. last 6 hours:1.02m³Cumulative Oil rec:45.01m³Salinity:60000 ppmPH: 7Sand: 0Surface Total =100.34m³Api = 62.9@15.6 CHrs Flowed = 329 HRS 30 MINH²S = 0.40 ppmCO2= 1.8%							
24hr Forecast Continue to flow the well to testers.							
DAILY TIME LOG							
Start Time	End Time	Dur (hr)	Time P.T.-X	Operation			
06:00	06:00		P	WSS shift change and handover.			
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam. Check all personnel's safety tickets. All Valid.			

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DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:30	12:00	5.50	P	<p>12:00 = 311 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 308 hrs FLARE</p> <p>FTP:6045 kPa SICP: 9709 kPa DHP= 11979.2 kPa Intermediate CSG = TSTM Flow Temp: 39 °c Meter Run Temp: 25 °c Choke size: 12.7mm Gas Rate: 91.85 E³m³/d Gas to Flare last 6 hrs:23.15 E³m³ Cumulative Gas to Flare: 904.87 E³m³ ILFTR: 7919.81m³ LFR last hour: 2.05 m³ LFR last 6 hours:11.64 m³ (hourly average last 6 hours =1.94m³/hr) TLFR:1502.09m³ TLFLTR:6417.72m³ Oil rec. last hour: 0.16m³ Oil rec. last 6 hours:0.91m³ Cumulative Oil rec:41.93m³ Salinity: 56000 ppm PH: 7 Sand: 0 Surface Total = 57.65m³ Api = 62.1@15.6 C Hrs Flowed = 311 HRS 30 MIN H²S = 0.40 ppm CO2= 2%</p> <p>Weatherford conduct all time lapse and routine samples as per AGAT Schedule, send in time lapse samples through MXL. Pro Technics sample #29 Taken @ 12:00</p>
12:00	18:00	6.00	P	<p>18:00 = 317 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 314 hrs FLARE</p> <p>FTP:5923kPa SICP: 9661 kPa DHP= 11590.6kPa Intermediate CSG = TSTM Flow Temp: 39 °c Meter Run Temp: 25 °c Choke size: 12.7mm Gas Rate: 94.80E³m³/d Gas to Flare last 6 hrs:23.03E³m³ Cumulative Gas to Flare: 927.90E³m³ ILFTR: 7919.81m³ LFR last hour: 2.12 m³ LFR last 6 hours:13.04m³ (hourly average last 6 hours =2.17m³/hr) TLFR:1462.74m³ TLFLTR:6404.68 m³ Oil rec. last hour: 0.16m³ Oil rec. last 6 hours:1.00 m³ Cumulative Oil rec:42.93m³ Salinity: 55000 ppm PH: 7 Sand: 0 Surface Total = 71.69m³ Api = 62.9@15.6 C Hrs Flowed = 317 HRS 30 MIN H²S = 0.50 ppm CO2= 1.5%</p>
18:00	18:00		P	WSS shift change and handover.
18:00	18:30	0.50	P	<p>Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam.</p> <p>Check all personnel's safety tickets. All Valid.</p>

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Start Time	End Time	Dur (hr)	Time P-T-X	Operation
18:30	00:00	5.50	P	00:00 = 323 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 320 hrs FLARE FTP:5936kPa SICP:9545kPa DHP=11541.2kPa Intermediate CSG = TSTM Flow Temp: 39 °c Meter Run Temp: 25 °c Choke size: 12.7mm Gas Rate:92.66E³m³/d Gas to Flare last 6 hrs:22.96E³m³ Cumulative Gas to Flare:950.86E³m³ ILFTR: 7919.81m³ LFR last hour: 2.20 m³ LFR last 6 hours:13.92m³ (hourly average last 6 hours =2.32m³/hr) TLFR:1529.05m³ TLFLTR:6390.76 m³ Oil rec. last hour: 0.18m³ Oil rec. last 6 hours:0.1.06 m³ Cumulative Oil rec:43.99m³ Salinity: 59500 ppm PH: 7 Sand: 0 Surface Total =86.67m³ Api = 62@15.6 C Hrs Flowed = 323 HRS 30 MIN H²S = 0.30 ppm CO2= 2.0%
06:00	06:00	6.00	P	06:00 = 329 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 326 hrs FLARE FTP:5410kPa SICP:9500kPa DHP=11525.8kPa Intermediate CSG = TSTM Flow Temp: 38 °c Meter Run Temp: 21 °c Choke size: 12.7mm Gas Rate:85.22E³m³/d Gas to Flare last 6 hrs:23.07E³m³ Cumulative Gas to Flare:973.93E³m³ ILFTR: 7919.81m³ LFR last hour: 2.18 m³ LFR last 6 hours:12.65m³ (hourly average last 6 hours =2.10m³/hr) TLFR:1541.70m³ TLFLTR:6378.11 m³ Oil rec. last hour: 0.17m³ Oil rec. last 6 hours:1.02m³ Cumulative Oil rec:45.01m³ Salinity:60000 ppm PH: 7 Sand: 0 Surface Total =100.34m³ Api = 62.9@15.6 C Hrs Flowed = 329 HRS 30 MIN H²S = 0.40 ppm CO2= 1.8%

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	6,378.11
PRODUCED OIL	0.00	50.00	0.00	51.25	-45.01

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,300.00
Service Rig	CANOL OILFIELD SERVICES INC	E120	2,000.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,290.00

Daily Morning Report

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

Report #: 41
Report Date: 3/30/2014
Final Job Status: G
Final Report?

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	2,030.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	2,200.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	1,700.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	244.00
Wellsite Supervision & Engineering	DON WILLIAMS - BIRD DOG	T130	1,595.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	MARQUIS ALLIANCE ENERGY GROUP INC	T130	1,100.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,595.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Welltesting (Eqpmt,Srvcs,PTA,Gov't Subs)	WEATHERFORD CANADA PARTNERSHIP	M220	16,780.00

CUMULATIVE JOB FLARED GAS BY ZONE

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 41
Report Date: 3/30/2014
Final Job Status: GAS
Final Report? Yes

PERFORATIONS

Date	Zone	Top (mKB)	Blm (mKB)	Shot Dens (shots/m)	Current Status
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 42
Report Date: 3/31/2014
Final Job Status: GAS
Final Report? Yes

WELL HEADER INFORMATION

Country CANADA	State/Province N.W.T.	Region / Division WVCBU	District NEW VENTURES	Field Name Mirror Lake	Field Code
Surface Legal Location P-20 65-00 126-45	API / UWI 200/D-020/L094P1699			License No. EL 470	
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00 PBD (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
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Objective

New Ventures HZ Canol Formation completion

Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved	Responsible Grp 2 lagartn	Responsible Grp 3 Chris Kendall
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AFE COST SUMMARY

AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 3/31/2014 06:00	Report End Date 4/1/2014 06:00	Daily Cost Total (Cost) 501,204.91	Cumulative Cost (Cost) 19,128,704.05	Personnel Regular Hours (hr) 228.00
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Daily Contacts

WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theorn LaGarde, 403-710-9753; WS Supervisor, Donald Williams, 403-352-6925; WS Supervisor, Justin Minault, 403 391-0714; On-site Sat Phone, 403-648-9024; WS Supervisor, Chris Kendall, 780

Tubing Pressure (kPa) 6,391	Casing Pressure (kPa) 10,282	Weather Clear	Temperature (°C) -23	Lease Condition Ice Pad / Snow Covered
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Last 24hr Summary

Continue to Flow well to Weatherford testers. Well flowing on a 12.70mm choke, monitoring gas rates ensuring not to exceed 283e³m³/d gas rate (as per NEB).

Continue Hauling Load fluid to Tank Farm in CPC YVQ yard

06:00 = 353 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 350 hrs FLARE

FTP:5355 kPaSICP:9340 kPaDHP= 11306kPaIntermediate CSG = TSTMFlow Temp: 38 °cMeter Run Temp: 22 °cChoke size: 12.7mmGas Rate: 88.68E³m³/dGas to Flare last 6 hrs:22.75 E³m³Cumulative Gas to Flare: 1065.30 E³m³ILFTR:7919.81m³LFR last hour:2.03m³LFR last 6 hours:12.47m³ (hourly average last 6 hours =2.07m³/hr)TLFR:1590.79m³TLFLTR:6329.02m³Oil rec. last hour: 0.16m³Oil rec. last 6 hours:1.05m³Cumulative Oil rec:49.28m³Salinity: 60000 ppmPH: 7Sand: 0Surface Total = 103.7m³Api = 62.1@15.6 CHrs Flowed = 353HRS 30 MINH²S = 0.40 ppmCO₂= 2.3%

24hr Forecast

Continue to flow the well to testers.

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:00	06:00		P	WSS shift change and handover.
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam. Check all personnel's safety tickets. All Valid.

Daily Morning Report

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

Report #: 42
Report Date: 3/31/2014
Final Job Status: C
Final Report? \

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:30	12:00	5.50	P	<p>12:00 = 335 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 332 hrs FLARE</p> <p>FTP:5269 kPa SICP: 9444 kPa DHP= 11449.3 kPa Intermediate CSG = TSTM Flow Temp: 38 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 90.97 E³m³/d Gas to Flare last 6 hrs:22.86 E³m³ Cumulative Gas to Flare: 996.79 E³m³ ILFTR: 7919.81m³ LFR last hour: 2.11 m³ LFR last 6 hours:12.51 m³ (hourly average last 6 hours =2.08m³/hr) TLFR:1554.21m³ TLFLTR:6365.60m³ Oil rec. last hour: 0.17m³ Oil rec. last 6 hours:1.12m³ Cumulative Oil rec:46.13m³ Salinity: 60000 ppm PH: 7 Sand: 0 Surface Total = 63.97m³ Api = 62.9@15.6 C Hrs Flowed = 335 HRS 30 MIN H²S = 0.50 ppm CO2= 1.5%</p>
12:00	18:00	6.00	P	<p>18:00 = 341 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 338 hrs FLARE</p> <p>FTP:5511 kPa SICP: 9453 kPa DHP= 11428.9kPa Intermediate CSG = TSTM Flow Temp: 39 °c Meter Run Temp: 23 °c Choke size: 12.7mm Gas Rate: 89.52 E³m³/d Gas to Flare last 6 hrs:22.82 E³m³ Cumulative Gas to Flare: 1019.61 E³m³ ILFTR: 7919.81m³ LFR last hour: 2.01 m³ LFR last 6 hours:12.03 m³ (hourly average last 6 hours =2.01m³/hr) TLFR:1566.24m³ TLFLTR:6353.57m³ Oil rec. last hour: 0.16m³ Oil rec. last 6 hours:1.04m³ Cumulative Oil rec:47.17m³ Salinity: 60000 ppm PH: 7 Sand: 0 Surface Total = 77.04m³ Api = 62.1@15.6 C Hrs Flowed = 341HRS 30 MIN H²S = 0.50 ppm CO2= 1.5%</p>
18:00	18:00		P	WSS shift change and handover.
18:00	18:30	0.50	P	<p>Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam.</p> <p>Check all personnel's safety tickets. All Valid.</p>

Daily Morning Report

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

Report #: 42
Report Date: 3/31/2014
Final Job Status: GAS
Final Report? Yes

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
18:30	00:00	5.50	P	00:00 = 347 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 344 hrs FLARE FTP:5677 kPa SICP:9393 kPa DHP=11379kPa Intermediate CSG = TSTM Flow Temp: 38 °c Meter Run Temp: 23 °c Choke size: 12.7mm Gas Rate: 93.65E³m³/d Gas to Flare last 6 hrs:22.94E³m³ Cumulative Gas to Flare: 1042.55 E³m³ ILFTR: 7919.81m³ LFR last hour: 1.96m³ LFR last 6 hours:12.08m³ (hourly average last 6 hours =2.01m³/hr) TLFR:1578.32m³ TLFLTR:6341.49m³ Oil rec. last hour: 0.18m³ Oil rec. last 6 hours:1.06m³ Cumulative Oil rec:48.23m³ Salinity: 60000 ppm PH: 7 Sand: 0 Surface Total = 90.18m³ Api = 63.5@15.6 C Hrs Flowed = 347HRS 30 MIN H²S = 0.50 ppm CO2= 1.8%
06:00	06:00	6.00	P	06:00 = 353 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 350 hrs FLARE FTP:5355 kPa SICP:9340 kPa DHP= 11306kPa Intermediate CSG = TSTM Flow Temp: 38 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 88.68E³m³/d Gas to Flare last 6 hrs:22.71 E³m³ Cumulative Gas to Flare: 1065.30 E³m³ ILFTR:7919.81m³ LFR last hour:2.03m³ LFR last 6 hours:12.47m³ (hourly average last 6 hours =2.07m³/hr) TLFR:1590.79m³ TLFLTR:6329.02m³ Oil rec. last hour: 0.16m³ Oil rec. last 6 hours:1.05m³ Cumulative Oil rec:49.28m³ Salinity: 60000 ppm PH: 7 Sand: 0 Surface Total = 103.7m³ Api = 62.1@15.6 C Hrs Flowed = 353HRS 30 MIN H²S = 0.40 ppm CO2= 2.3%

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	6,329.02
PRODUCED OIL	0.00	50.00	0.00	49.09	-49.28

Y COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480.00
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	400.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,300.00
Service Rig	CANOL OILFIELD SERVICES INC	E120	2,000.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00

Daily Morning Report

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

Report #: 42
Report Date: 3/31/2014
Final Job Status: G
Final Report?

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,290.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	2,030.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	2,550.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	665.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	6,122.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	2,974.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	11,000.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	1,700.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	244.00
Wellsite Supervision & Engineering	DON WILLIAMS - BIRD DOG	T130	1,595.00
Surface Completion Equipment Rental	HODGSON'S CONTRACTING (2005) LTD	Q300	12,936.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	M HAHN CONSULTING INC	T130	2,770.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,595.00
Surface Completion Equipment Rental	MYB CONSTRUCTION LTD	Q300	22,080.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Rig Camp	PBN ENERGY SERVICES LTD	E500	14,720.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	15,456.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	9,500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	75,272.50
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	2,850.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	4,500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	8,400.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	24,320.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	6,750.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	6,750.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	34,500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	1,350.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	2,800.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	7,500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	21,000.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	52,200.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	4,320.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	6,000.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	6,300.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	63,760.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	8,719.83
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	6,500.00
Wellsite Supervision & Engineering	TECTONIC ENERGY CONSULTING INC	T130	1,595.00
Welltesting (Eqpmt,Srvcs,PTA,Gov't Subs)	WEATHERFORD CANADA PARTNERSHIP	M220	30,535.58

CUMULATIVE JOB FLARED GAS BY ZONE

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
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3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 42
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Final Job Status: GAS
Final Report? Yes

PERFORATIONS					
Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
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3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
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3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
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3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 43
Report Date: 4/1/2014
Final Job Status: GAS
Final Report? Yes

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 P-20 65-00 126-45	API / UWI 200/D-020/L094P1699			License No. EL 470	
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00 PBTD (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
Objective New Ventures HZ Canol Formation completion			
Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved
			Responsible Grp 2 lagartn
			Responsible Grp 3 Chris Kendall

APE COST SUMMARY

APE / RFE / Maint.# 10351862	Total APE Amount (Cost) 923,600.00	Total APE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	APE-Field Estimate (Cost) 543,417.50
APE / RFE / Maint.# 10359334	Total APE Amount (Cost) 17,880,000.00	Total APE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	APE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 4/1/2014 06:00	Report End Date 4/2/2014 06:00	Daily Cost Total (Cost) 52,323.50	Cumulative Cost (Cost) 19,181,027.55	Personnel Regular Hours (hr) 216.00
Daily Contacts WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theorn LaGarde, 403-710-9753; WS Supervisor, Justin Minault, 403 391-0714; On-site Sat Phone, 403-648-9024; WS Supervisor, Chris Kendall, 780-518-3284; WS Supervisor, Myles Hahn, 780-402-				Rig RIGLESS, RIGLESS 1
Tubing Pressure (kPa) 5,521	Casing Pressure (kPa) 9,376	Weather Clear	Temperature (°C) -19	Lease Condition Ice Pad / Snow Covered

Last 24hr Summary
Continue to Flow well to Weatherford testers. Well flowing on a 12.70mm choke, monitoring gas rates ensuring not to exceed 283e³m³/d gas rate (as per NEB).

Continue Hauling Load fluid to Tank Farm in CPC YVQ yard

06:00 = 377 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 374 hrs FLARE

FTP: 5822 kPa
SICP: 9242 kPa
DHP= 11192 kPa
Intermediate CSG = TSTM
Flow Temp: 39 °c
Meter Run Temp: 23 °c
Choke size: 12.7mm
Gas Rate: 87.31 E³m³/d
Gas to Flare last 24 hrs: 90.20 E³m³
Cumulative Gas to Flare: 1155.50 E³m³
ILFTR: 7919.81m³
LFR last hour: 1.59m³
LFR last 24 hours: 46.31m³ (hourly average last 24 hours = 1.93m³/hr)
TLFR: 1637.10m³
TLFLTR: 6282.71m³
Oil rec. last hour: 0.14m³
Oil rec. last 24 hours: 3.98m³
Cumulative Oil rec: 53.26m³
Salinity: 61000 ppm
PH: 7
Sand: 0
Surface Total = 103.99m³
Api = 63.2 @ 15.6°c
H²S = 0.45 ppm
CO2= 2.0%

24hr Forecast

Continue to flow the well to testers.

DAILY TIME LOG

Time	End Time	Dur (hr)	Time P-T-X	Operation
06:00	06:00		P	WSS shift change and handover.
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam. Check all personnel's safety tickets. All Valid.

Daily Morning Report

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

Report #: 43
Report Date: 4/1/2014
Final Job Status: C
Final Report? Y

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:30	12:00	5.50	P	<p>12:00 = 359 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 356 hrs FLARE</p> <p>FTP:5205 kPa SICP:9298 kPa DHP= 11255.9kPa Intermediate CSG = TSTM Flow Temp: 38 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 91.27E³m³/d Gas to Flare last 6 hrs: 22.70 E³m³ Cumulative Gas to Flare: 1088.00 E³m³ ILFTR:7919.81m³ LFR last hour:1.90m³ LFR last 6 hours:12.19m³ (hourly average last 6 hours =2.03m³/hr) TLFR:1602.98m³ TLFLTR:6316.83m³ Oil rec. last hour: 0.17m³ Oil rec. last 6 hours:1.05m³ Cumulative Oil rec:50.33m³ Salinity: 60000 ppm PH: 7 Sand: 0 Surface Total = 66.94m³ Api = 62.9@15.6 C Hrs Flowed = 359HRS 30 MIN H²S = 0.50 ppm CO2= 1.8%</p>
12:00	18:00	6.00	P	<p>18:00 = 365 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 362 hrs FLARE</p> <p>FTP:5328 kPa SICP:9289 kPa DHP= 11232.6 kPa Intermediate CSG = TSTM Flow Temp: 38 °c Meter Run Temp: 23 °c Choke size: 12.7mm Gas Rate: 87.60 E³m³/d Gas to Flare last 6 hrs:22.61 E³m³ Cumulative Gas to Flare: 1110.61 E³m³ ILFTR:7919.81m³ LFR last hour: 2.01m³ LFR last 6 hours:11.70m³ (hourly average last 6 hours =1.95m³/hr) TLFR:1614.68m³ TLFLTR:6305.13m³ Oil rec. last hour: 0.17m³ Oil rec. last 6 hours:1.03m³ Cumulative Oil rec:51.36m³ Salinity: 61000 ppm PH: 7 Sand: 0 Surface Total = 79.67m³ Api = 62.9@15.6 C Hrs Flowed = 365HRS 30 MIN H²S = 0.50 ppm CO2= 1.5%</p>
18:00	19:00	1.00	P	<p>WSS Shift change. Crew shift change. Held a daily safety and operations meeting with all night shift personnel. Reviewed and discussed CPC PJHA regarding night shift operations and all associated hazards. Discussed ERP plan and emergency procedures. All tickets checked and valid. Performed cross shift with day crews.</p>

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
19:00	00:00	5.00	P	00:00 = 371 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 368 hrs FLARE FTP: 5779 kPa SICP: 9270 kPa DHP= 11207 kPa Intermediate CSG = TSTM Flow Temp: 38 °c Meter Run Temp: 24 °c Choke size: 12.7mm Gas Rate: 89.15 E³m³/d Gas to Flare last 6 hrs: 22.48 E³m³ Cumulative Gas to Flare: 1133.09 E³m³ ILFTR: 7919.81m³ LFR last hour: 1.95m³ LFR last 6 hours: 12.02m³ (hourly average last 6 hours = 2.00m³/hr) TLFR: 1626.70m³ TLFLTR: 6293.11m³ Oil rec. last hour: 0.16m³ Oil rec. last 6 hours: 1.02m³ Cumulative Oil rec: 52.38m³ Salinity: 61000 ppm PH: 7 Sand: 0 Surface Total = 92.71m³ Api = 63.7 @ 15.6°c Hrs Flowed = 371 Hours 30 Minutes H²S = 0.50 ppm CO2= 1.9%
00:00	06:00	6.00	P	06:00 = 377 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 374 hrs FLARE FTP: 5822 kPa SICP: 9242 kPa DHP= 11192 kPa Intermediate CSG = TSTM Flow Temp: 39 °c Meter Run Temp: 23 °c Choke size: 12.7mm Gas Rate: 87.31 E³m³/d Gas to Flare last 24 hrs: 90.20 E³m³ Cumulative Gas to Flare: 1155.50 E³m³ ILFTR: 7919.81m³ LFR last hour: 1.59m³ LFR last 24 hours: 46.31m³ (hourly average last 24 hours = 1.93m³/hr) TLFR: 1637.10m³ TLFLTR: 6282.71m³ Oil rec. last hour: 0.14m³ Oil rec. last 24 hours: 3.98m³ Cumulative Oil rec: 53.26m³ Salinity: 61000 ppm PH: 7 Sand: 0 Surface Total = 103.99m³ Api = 63.2 @ 15.6°c H²S = 0.45 ppm CO2= 2.0%

FLUID SUMMARY

Fluid	To lease (m³)	From lease (m³)	To well (m³)	From well (m³)	Left to recover (m³)
	0.00	0.00	0.00	0.00	
FRESH WATER	0.00	50.00	0.00	46.31	6,282.71
PRODUCED OIL			0.00	3.98	-53.26

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,300.00
Service Rig	CANOL OILFIELD SERVICES INC	E120	2,000.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00

Daily Morning Report

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

Report #: 43
Report Date: 4/1/2014
Final Job Status: GAS
Final Report? Y

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,290.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	3,900.00
Wellsite Supervision & Engineering	DON WILLIAMS - BIRD DOG	T130	1,595.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	M HAHN CONSULTING INC	T130	1,670.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,595.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	3,686.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	225.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	10.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	550.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	950.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	120.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	70.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	300.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	125.00
Wellsite Supervision & Engineering	TECTONIC ENERGY CONSULTING INC	T130	150.00
Welltesting (Eqpmt,Srvcs,PTA,Gov't Subs)	WEATHERFORD CANADA PARTNERSHIP	M220	1,595.00
CUMULATIVE JOB FLARED GAS BY ZONE			17,822.50

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 43
Report Date: 4/1/2014
Final Job Status: GAS
Final Report? Yes

PERFORATIONS		Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
Date	Zone				
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 44
Report Date: 4/2/2014
Final Job Status: GAS
Final Report? Yes

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 P-20 65-00 126-45	API / UWI 200/D-020/L094P1699	License No. EL 470			
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00 PBTd (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
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Objective

New Ventures HZ Canol Formation completion

Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved	Responsible Grp 2 lagartn	Responsible Grp 3 Chris Kendall
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AFE COST SUMMARY

AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 4/2/2014 06:00	Report End Date 4/3/2014 06:00	Daily Cost Total (Cost) 204,360.88	Cumulative Cost (Cost) 19,385,388.43	Personnel Regular Hours (hr) 204.00
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Daily Contacts

WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theom LaGarde, 403-710-9753; WS Supervisor, Justin Minault, 403 391-0714; On-site Sat Phone, 403-648-9024; WS Supervisor, Chris Kendall, 780-518-3284; WS Supervisor, Myles Hahn, 780-402-

Tubing Pressure (kPa) 5,659	Casing Pressure (kPa) 9,139	Weather Clear	Temperature (°C) -30	Lease Condition Ice Pad / Snow Covered
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Last 24hr Summary

Continue to Flow well to Weatherford testers. Well flowing on a 12.70mm choke, monitoring gas rates ensuring not to exceed 283e³m³/d gas rate (as per NEB).

.itinue Hauling Load fluid to Tank Farm in CPC YVQ yard

06:00 = 401 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 398 hrs FLARE

FTP: 5659 kPa
SICP: 9139 kPa
DHP= 11032 kPa
Intermediate CSG = TSTM
Flow Temp: 38 °c
Meter Run Temp: 22 °c
Choke size: 12.7mm
Gas Rate: 87.95 E³m³/d
Gas to Flare last 24 hrs: 89.59 E³m³
Cumulative Gas to Flare: 1245.09 E³m³
ILFTR: 7919.81m³
LFR last hour: 1.55m³
LFR last 24 hours: 43.06m³ (hourly average last 24 hours = 1.79m³/hr)
TLFR: 1680.16m³
TLFLTR: 6239.65m³
Oil rec. last hour: 0.12m³
Oil rec. last 24 hours: 3.73m³
Cumulative Oil rec: 56.99m³
Salinity: 62000 ppm
PH: 7
Sand: 0
Surface Total = 100.78m³
Api = 63.2 @ 15.6°c
H₂S = 0.50 ppm
CO₂ = 1.20%

24hr Forecast

Continue to flow the well to testers.

DAILY TIME LOG

Time	End Time	Dur (hr)	Time P-T-X	Operation
06:00	06:00		P	WSS shift change and handover.
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam. Check all personnel's safety tickets. All Valid.

Daily Morning Report

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

Report #: 44
Report Date: 4/2/2014
Final Job Status: C
Final Report? \

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T- X	Operation
06:30	12:00	5.50	P	<p>12:00 = 383 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 380 hrs FLARE</p> <p>FTP:5837 kPa SICP:9214 kPa DHP= 11132.5 kPa Intermediate CSG = TSTM Flow Temp: 38 °c Meter Run Temp: 23 °c Choke size: 12.7mm Gas Rate: 85.83 E³m³/d Gas to Flare last 6 hrs: 22.41 E³m³ Cumulative Gas to Flare: 1177.91 E³m³ ILFTR:7919.81m³ LFR last hour:1.89m³ LFR last 6 hours:10.44m³ (hourly average last 6 hours =1.74m³/hr) TLFR:1647.54m³ TLFLTR:6272.27m³ Oil rec. last hour: 0.18m³ Oil rec. last 6 hours:0.96m³ Cumulative Oil rec:54.22m³ Salinity: 60000 ppm PH: 7 Sand: 0 Surface Total = 65.39m³ Api = 62.9@15.6 C Hrs Flowed = 383HRS 30 MIN H²S = 0.50 ppm CO2= 1.5%</p> <p>Protechnics sample #32 Taken @ 12:00</p>
12:00	18:00	6.00	P	<p>18:00 = 389 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 386 hrs FLARE</p> <p>FTP:5758 kPa SICP:9168 kPa DHP= 11075.9 kPa Intermediate CSG = TSTM Flow Temp: 37 °c Meter Run Temp: 24 °c Choke size: 12.7mm Gas Rate: 89.71 E³m³/d Gas to Flare last 6 hrs:22.41 E³m³ Cumulative Gas to Flare: 1200.32 E³m³ ILFTR:7919.81m³ LFR last hour: 1.59m³ LFR last 6 hours:10.60m³ (hourly average last 6 hours =1.76m³/hr) TLFR:1658.14m³ TLFLTR:6261.67m³ Oil rec. last hour: 0.14m³ Oil rec. last 6 hours:0.88m³ Cumulative Oil rec:55.10m³ Salinity: 62000 ppm PH: 7 Sand: 0 Surface Total = 76.97m³ Api = 63.3@15.6 C Hrs Flowed = 389HRS 30 MIN H²S = 0.50 ppm CO2= 1.0%</p>
18:00	19:00	1.00	P	<p>WSS Shift change. Crew shift change. Held a daily safety and operations meeting with all night shift personnel. Reviewed and discussed CPC PJHA regarding night shift operations and all associated hazards. Discussed ERP plan and emergency procedures. All tickets checked and valid. Performed cross shift with day crews.</p>

Daily Morning Report

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

Report #: 44
Report Date: 4/2/2014
Final Job Status: GAS
Final Report? Yes

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
19:00	00:00	5.00	P	00:00 = 395 hrs - 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 392 hrs FLARE FTP: 5650 kPa SICP: 9150 kPa DHP= 11054 kPa Intermediate CSG = TSTM Flow Temp: 37 °c Meter Run Temp: 23 °c Choke size: 12.7mm Gas Rate: 91.38 E³m³/d Gas to Flare last 6 hrs: 22.48 E³m³ Cumulative Gas to Flare: 1222.80 E³m³ ILFTR: 7919.81m³ LFR last hour: 1.84m³ LFR last 6 hours: 11.24m³ (hourly average last 6 hours = 1.87m³/hr) TLFR: 1669.38m³ TLFLTR: 6250.43m³ Oil rec. last hour: 0.17m³ Oil rec. last 6 hours: 1.01m³ Cumulative Oil rec: 56.11m³ Salinity: 61000 ppm PH: 7 Sand: 0 Surface Total = 89.12m³ Api = 63.2 @ 15.6°c Hrs Flowed = 395 Hours 30 Minutes H²S = 0.50 ppm CO2= 1.4%
06:00	06:00	6.00	P	06:00 = 401 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 398 hrs FLARE FTP: 5659 kPa SICP: 9139 kPa DHP= 11032 kPa Intermediate CSG = TSTM Flow Temp: 38 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 87.95 E³m³/d Gas to Flare last 24 hrs: 89.59 E³m³ Cumulative Gas to Flare: 1245.09 E³m³ ILFTR: 7919.81m³ LFR last hour: 1.55m³ LFR last 24 hours: 43.06m³ (hourly average last 24 hours = 1.79m³/hr) TLFR: 1680.16m³ TLFLTR: 6239.65m³ Oil rec. last hour: 0.12m³ Oil rec. last 24 hours: 3.73m³ Cumulative Oil rec: 56.99m³ Salinity: 62000 ppm PH: 7 Sand: 0 Surface Total = 100.78m³ Api = 63.2 @ 15.6°c H²S = 0.50 ppm CO2= 1.20%

FLUID SUMMARY

Fluid	To lease (m³)	From lease (m³)	To well (m³)	From well (m³)	Left to recover (m³)
FRESH WATER	0.00	50.00	0.00	43.06	6,239.65
PRODUCED OIL			0.00	3.73	-56.99

Y COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,300.00
Service Rig	CANOL OILFIELD SERVICES INC	E120	2,000.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00

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

Report #: 44
Report Date: 4/2/2014
Final Job Status: C
Final Report? \

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	144,600.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	3,900.00
Wellsite Supervision & Engineering	DEN JAR CONSULTING LTD	T130	1,670.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	M HAHN CONSULTING INC	T130	1,670.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,595.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	3,686.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	225.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	10.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	550.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	950.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	120.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	70.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	300.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	125.00
Wellsite Supervision & Engineering	TECTONIC ENERGY CONSULTING INC	T130	150.00
Completion Fluids & Other Chem	TERVITA CORP	G300	1,595
Welltesting (Eqpmt, Srvcs, PTA, Gov't Subs)	WEATHERFORD CANADA PARTNERSHIP	M220	7,580.00
CUMULATIVE JOB FLARED GAS BY ZONE			17,464.88

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing

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

Report #: 44
Report Date: 4/2/2014
Final Job Status: GAS
Final Report? Yes

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

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

Report #: 45
Report Date: 4/3/2014
Final Job Status: GAS
Final Report? Yes

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 P-20 65-00 126-45	API / UWI 200/D-020/L094P1699	License No. EL 470			
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00
					PBTD (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
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Objective

New Ventures HZ Canol Formation completion

Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved	Responsible Grp 2 lagartn	Responsible Grp 3 Chris Kendall
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AFE COST SUMMARY

AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 4/3/2014 06:00	Report End Date 4/4/2014 06:00	Daily Cost Total (Cost) 51,496.00	Cumulative Cost (Cost) 19,436,884.43	Personnel Regular Hours (hr) 204.00
Daily Contacts WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theorn LaGarde, 403-710-9753; WS Supervisor, Justin Minault, 403 391-0714; On-site Sat Phone, 403-648-9024; WS Supervisor, Chris Kendall, 780-518-3284; WS Supervisor, Myles Hahn, 780-402-				Rig RIGLESS, RIGLESS 1
Tubing Pressure (kPa) 5,563	Casing Pressure (kPa) 9,001	Weather Clear	Temperature (°C) -29	Lease Condition Ice Pad / Snow Covered

Last 24hr Summary

Continue to Flow well to Weatherford testers. Well flowing on a 12.70mm choke, monitoring gas rates ensuring not to exceed 283e³m³/d gas rate (as per NEB).

Continue Hauling Load fluid to Tank Farm in CPC YVQ yard

06:00 = 425 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 422 hrs FLARE

FTP: 5563 kPa
SICP: 9001 kPa
DHP= 10880 kPa
Intermediate CSG = TSTM
Flow Temp: 38 °c
Meter Run Temp: 21 °c
Choke size: 12.7mm
Gas Rate: 84.63 E³m³/d
Gas to Flare last 24 hrs: 88.45 E³m³
Cumulative Gas to Flare: 1333.54 E³m³
ILFTR: 7919.81m³
LFR last hour: 2.11m³
LFR last 24 hours: 44.70m³ (hourly average last 24 hours = 1.86m³/hr)
TLFR: 1724.86m³
TLFLTR: 6194.95m³
Oil rec. last hour: 0.16m³
Oil rec. last 24 hours: 3.71m³
Cumulative Oil rec: 60.70m³
Salinity: 62000 ppm
PH: 7
Sand: 0
Surface Total = 69.34m³
Api = 63.6 @ 15.6°c
H₂S = 0.55 ppm
CO₂ = 1.00%

24hr Forecast

Continue to flow the well to testers.

DAILY TIME LOG

Time	End Time	Dur (hr)	Time P-T-X	Operation
06:00	06:00		P	WSS shift change and handover.
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam. Check all personnel's safety tickets. All Valid.

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Report #: 45
Report Date: 4/3/2014
Final Job Status: G/
Final Report? Y

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:30	12:00	5.50	P	<p>12:00 = 407 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 404 hrs FLARE</p> <p>FTP:5631 kPa SICP:9075 kPa DHP= 10967.5 kPa Intermediate CSG = TSTM Flow Temp: 37 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 88.51 E³m³/d Gas to Flare last 6 hrs: 22.29 E³m³ Cumulative Gas to Flare: 1267.38 E³m³ ILFTR:7919.81m³ LFR last hour:1.74m³ LFR last 6 hours:11.72m³ (hourly average last 6 hours =1.95m³/hr) TLFR:1691.88m³ TLFLTR:6227.93m³ Oil rec. last hour: 0.16m³ Oil rec. last 6 hours:1.04m³ Cumulative Oil rec:58.03m³ Salinity: 61000 ppm PH: 7 Sand: 0 Surface Total = 65.39m³ Api = 62.9@15.6 C Hrs Flowed = 407HRS 30 MIN H²S = 0.50 ppm CO2= 1.0%</p>
12:00	18:00	6.00	P	<p>18:00 = 413 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 410 hrs FLARE</p> <p>FTP:5504 kPa SICP:9072 kPa DHP= 10922.1 kPa Intermediate CSG = TSTM Flow Temp: 38 °c Meter Run Temp: 23 °c Choke size: 12.7mm Gas Rate: 89.33 E³m³/d Gas to Flare last 6 hrs:22.27 E³m³ Cumulative Gas to Flare: 1289.65 E³m³ ILFTR:7919.81m³ LFR last hour: 1.89m³ LFR last 6 hours:11.10m³ (hourly average last 6 hours =1.85m³/hr) TLFR:1702.98m³ TLFLTR:6216.83m³ Oil rec. last hour: 0.16m³ Oil rec. last 6 hours:0.97m³ Cumulative Oil rec:59.00m³ Salinity: 60000 ppm PH: 7 Sand: 0 Surface Total = 45.67m³ Api = 63.5@15.6 C Hrs Flowed = 413HRS 30 MIN H²S = 0.50 ppm CO2= 1.0%</p>
18:00	19:00	1.00	P	<p>WSS Shift change. Crew shift change. Held a daily safety and operations meeting with all night shift personnel. Reviewed and discussed CPC PJHA regarding night shift operations and all associated hazards. Discussed ERP plan and emergency procedures. All tickets checked and valid. Performed cross shift with day crews.</p>

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Report #: 45
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Final Job Status: GAS
Final Report? Yes

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
19:00	00:00	5.00	P	00:00 = 419 hrs - 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 416 hrs FLARE FTP: 5422 kPa SICP: 9036 kPa DHP= 10885 kPa Intermediate CSG = TSTM Flow Temp: 37 °c Meter Run Temp: 19 °c Choke size: 12.7mm Gas Rate: 89.55 E³m³/d Gas to Flare last 6 hrs: 21.93 E³m³ Cumulative Gas to Flare: 1311.58 E³m³ ILFTR: 7919.81m³ LFR last hour: 1.76m³ LFR last 6 hours: 10.67m³ (hourly average last 6 hours = 1.78m³/hr) TLFR: 1713.65m³ TLFLTR: 6206.16m³ Oil rec. last hour: 0.15m³ Oil rec. last 6 hours: 0.77m³ Cumulative Oil rec: 59.77m³ Salinity: 61000 ppm PH: 7 Sand: 0 Surface Total = 57.11m³ Api = 63.2 @ 15.6°C Hrs Flowed = 419 Hours 30 Minutes H²S = 0.50 ppm CO2= 1.2%
06:00	06:00	6.00	P	06:00 = 425 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 422 hrs FLARE FTP: 5563 kPa SICP: 9001 kPa DHP= 10880 kPa Intermediate CSG = TSTM Flow Temp: 38 °c Meter Run Temp: 21 °c Choke size: 12.7mm Gas Rate: 84.63 E³m³/d Gas to Flare last 24 hrs: 88.45 E³m³ Cumulative Gas to Flare: 1333.54 E³m³ ILFTR: 7919.81m³ LFR last hour: 2.11m³ LFR last 24 hours: 44.70m³ (hourly average last 24 hours = 1.86m³/hr) TLFR: 1724.86m³ TLFLTR: 6194.95m³ Oil rec. last hour: 0.16m³ Oil rec. last 24 hours: 3.71m³ Cumulative Oil rec: 60.70m³ Salinity: 62000 ppm PH: 7 Sand: 0 Surface Total = 69.34m³ Api = 63.6 @ 15.6°C H²S = 0.55 ppm CO2= 1.00%

FLUID SUMMARY

Fluid	To lease (m³)	From lease (m³)	To well (m³)	From well (m³)	Left to recover (m³)
	0.00	0.00	0.00	0.00	
FRESH WATER	0.00	55.76	0.00	44.70	6,194.95
PRODUCED OIL	0.00	24.09	0.00	3.71	-60.70

LY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,300.00
Service Rig	CANOL OILFIELD SERVICES INC	E120	2,000.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00

Daily Morning Report

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

Report #: 45
Report Date: 4/3/2014
Final Job Status: C
Final Report? \

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	3,900.00
Wellsite Supervision & Engineering	DEN JAR CONSULTING LTD	T130	1,670.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	M HAHN CONSULTING INC	T130	1,670.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,595.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	3,686.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	225.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	10.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	550.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	950.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	120.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	70.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	300.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	125.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	150.00
Welltesting (Eqpmt, Srvcs, PTA, Gov't Subs)	TECTONIC ENERGY CONSULTING INC	T130	1,595.00
	WEATHERFORD CANADA PARTNERSHIP	M220	16,780.00

CUMULATIVE JOB FLARED GAS BY ZONE

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing

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Report #: 45
Report Date: 4/3/2014
Final Job Status: GAS
Final Report? Yes

PERFORATIONS

Date	Zone	Top (mKB)	Blm (mKB)	Shot Dens (shots/m)	Current Status
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 46
Report Date: 4/4/2014
Final Job Status: GAS
Final Report? Yes

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 P-20 65-00 126-45	API / UWI 200/D-020/L094P1699			License No. EL 470	
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00 PBSD (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
Objective New Ventures HZ Canol Formation completion			
Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved Responsible Grp 2 lagartn Responsible Grp 3 Chris Kendall

AFE COST SUMMARY

AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 4/4/2014 06:00	Report End Date 4/5/2014 06:00	Daily Cost Total (Cost) 54,121.63	Cumulative Cost (Cost) 19,491,006.06	Personnel Regular Hours (hr) 204.00
Daily Contacts WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theorn LaGarde, 403-710-9753; WS Supervisor, Justin Minault, 403 391-0714; On-site Sat Phone, 403-648-9024; WS Supervisor, Chris Kendall, 780-518-3284; WS Supervisor, Myles Hahn, 780-402-				Rig RIGLESS, RIGLESS 1
Tubing Pressure (kPa) 5,454	Casing Pressure (kPa) 8,903	Weather Clear	Temperature (°C) -28	Lease Condition Ice Pad / Snow Covered

Last 24hr Summary

Continue to Flow well to Weatherford testers. Well flowing on a 12.70mm choke, monitoring gas rates ensuring not to exceed 283e³m³/d gas rate (as per NEB).
Continue Hauling Load fluid to Tank Farm in CPC YVQ yard

06:00 = 449 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 446 hrs FLARE

FTP: 5454 kPa
SICP: 8903 kPa
DHP= 10724 kPa
Intermediate CSG = TSTM
Flow Temp: 37 °c
Meter Run Temp: 22 °c
Choke size: 12.7mm
Gas Rate: 87.60 E³m³/d
Gas to Flare last 24 hrs: 88.02 E³m³
Cumulative Gas to Flare: 1421.56 E³m³
ILFTR: 7919.81m³
LFR last hour: 1.71m³
LFR last 24 hours: 40.74m³ (hourly average last 24 hours = 1.70m³/hr)
TLFR: 1765.33m³
TLFLTR: 6154.48m³
Oil rec. last hour: 0.16m³
Oil rec. last 24 hours: 3.67m³
Cumulative Oil rec: 64.37m³
Salinity: 62000 ppm
PH: 7
Sand: 0
Surface Total = 63.48m³
Api = 63.7 @ 15.6°C
H²S = 0.55 ppm
CO2= 1.10%

24hr Forecast

Continue to flow the well to testers.

DAILY TIME LOG

Time	End Time	Dur (hr)	Time P.T. X	Operation
06:00	06:00		P	WSS shift change and handover.
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam. Check all personnel's safety tickets. All Valid.

Daily Morning Report

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

Report #: 46
Report Date: 4/4/2014
Final Job Status: C
Final Report? Y

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P.T. X	Operation
06:30	12:00	5.50	P	<p>12:00 = 431 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 428 hrs FLARE</p> <p>FTP:5002 kPa SICP:8965 kPa DHP= 110821.7 kPa Intermediate CSG = TSTM Flow Temp: 36 °c Meter Run Temp: 21 °c Choke size: 12.7mm Gas Rate: 89.96 E³m³/d Gas to Flare last 6 hrs: 22.09 E³m³ Cumulative Gas to Flare: 1355.63 E³m³ ILFTR:7919.81m³ LFR last hour:1.59m³ LFR last 6 hours:9.78m³ (hourly average last 6 hours =1.63m³/hr) TLFR:1734.64m³ TLFLTR:6185.17m³ Oil rec. last hour: 0.15m³ Oil rec. last 6 hours:0.95m³ Cumulative Oil rec:60.65m³ Salinity: 63000 ppm PH: 7 Sand: 0 Surface Total = 30.07m³ Api = 63.9@15.6 C Hrs Flowed = 431HRS 30 MIN H₂S = 0.50 ppm CO₂= 1.0%</p> <p>Weatherford conducted all time lapse and Protechnics Sample #34 @ 12:00</p>
12:00	18:00	6.00	P	<p>18:00 = 437 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 434 hrs FLARE</p> <p>FTP:5041 kPa SICP:8948 kPa DHP= 110803.7 kPa Intermediate CSG = TSTM Flow Temp: 37 °c Meter Run Temp: 21 °c Choke size: 12.7mm Gas Rate: 84.59 E³m³/d Gas to Flare last 6 hrs:21.89 E³m³ Cumulative Gas to Flare: 1377.52 E³m³ ILFTR:7919.81m³ LFR last hour: 1.76m³ LFR last 6 hours:10.28m³ (hourly average last 6 hours =1.71m³/hr) TLFR:1744.92m³ TLFLTR:6174.89m³ Oil rec. last hour: 0.15m³ Oil rec. last 6 hours:0.89m³ Cumulative Oil rec:62.54m³ Salinity: 63000 ppm PH: 7 Sand: 0 Surface Total = 41.24m³ Api = 63.5@15.6 C Hrs Flowed = 437HRS 30 MIN H₂S = 0.50 ppm CO₂= 1.5%</p>
18:00	19:00	1.00	P	<p>WSS Shift change. Crew shift change. Held a daily safety and operations meeting with all night shift personnel. Reviewed and discussed CPC PJHA regarding night shift operations and all associated hazards. Discussed ERP plan and emergency procedures. All tickets checked and valid. Performed cross shift with day crews.</p>

Daily Morning Report

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

Report #: 46
Report Date: 4/4/2014
Final Job Status: GAS
Final Report? Yes

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
19:00	00:00	5.00	P	00:00 = 443 hrs - 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 440 hrs FLARE FTP: 5314 kPa SICP: 8895 kPa DHP= 10885 kPa Intermediate CSG = TSTM Flow Temp: 37 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 88.04 E³m³/d Gas to Flare last 6 hrs: 22.19 E³m³ Cumulative Gas to Flare: 1399.71 E³m³ ILFTR: 7919.81m³ LFR last hour: 1.80m³ LFR last 6 hours: 10.46m³ (hourly average last 6 hours = 1.74m³/hr) TLFR: 1755.38m³ TLFLTR: 6164.43m³ Oil rec. last hour: 0.14m³ Oil rec. last 6 hours: 0.91m³ Cumulative Oil rec: 63.45m³ Salinity: 62000 ppm PH: 7 Sand: 0 Surface Total = 52.61m³ Api = 63.2 @ 15.6°C Hrs Flowed = 443 Hours 30 Minutes H²S = 0.50 ppm CO2= 1.2%
0	06:00	6.00	P	06:00 = 449 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 446 hrs FLARE FTP: 5454 kPa SICP: 8903 kPa DHP= 10724 kPa Intermediate CSG = TSTM Flow Temp: 37 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 87.60 E³m³/d Gas to Flare last 24 hrs: 88.02 E³m³ Cumulative Gas to Flare: 1421.56 E³m³ ILFTR: 7919.81m³ LFR last hour: 1.71m³ LFR last 24 hours: 40.74m³ (hourly average last 24 hours = 1.70m³/hr) TLFR: 1765.33m³ TLFLTR: 6154.48m³ Oil rec. last hour: 0.16m³ Oil rec. last 24 hours: 3.67m³ Cumulative Oil rec: 64.37m³ Salinity: 62000 ppm PH: 7 Sand: 0 Surface Total = 63.48m³ Api = 63.7 @ 15.6°C H²S = 0.55 ppm CO2= 1.10%

FLUID SUMMARY

Fluid	To lease (m³)	From lease (m³)	To well (m³)	From well (m³)	Left to recover (m³)
	0.00	0.00	0.00	0.00	
FRESH WATER	0.00	50.00	0.00	40.47	6,154.48
PRODUCED OIL			0.00	3.67	-64.37

Y COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,300.00
Service Rig	CANOL OILFIELD SERVICES INC	E120	2,000.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00

Daily Morning Report

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

Report #: 46
Report Date: 4/4/2014
Final Job Status: C
Final Report?

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Welltesting (Eqpmt,Srvcs,PTA,Gov't Subs)	CORE LABORATORIES CANADA LTD	M220	2,525.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	3,900.00
Wellsite Supervision & Engineering	DEN JAR CONSULTING LTD	T130	1,670.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	M HAHN CONSULTING INC	T130	1,670.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,595.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	3,686.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	225.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	10.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	550.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	950.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	120.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	70.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	300.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	125.00
Wellsite Supervision & Engineering	TECTONIC ENERGY CONSULTING INC	T130	150.00
Welltesting (Eqpmt,Srvcs,PTA,Gov't Subs)	WEATHERFORD CANADA PARTNERSHIP	M220	1,595
CUMULATIVE JOB FLARED GAS BY ZONE			16,880.

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Btn (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 46
Report Date: 4/4/2014
Final Job Status: GAS
Final Report? Yes

RFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 47
Report Date: 4/5/2014
Final Job Status: GAS
Final Report? Yes

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 P-20 65-00 126-45		API / UWI 200/D-020/L094P1699		License No. EL 470	
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00 PBTd (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
Objective New Ventures HZ Canol Formation completion			
Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved
			Responsible Grp 2 lagartn
			Responsible Grp 3 Chris Kendall

AFE COST SUMMARY

AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 4/5/2014 06:00	Report End Date 4/6/2014 06:00	Daily Cost Total (Cost) 51,496.00	Cumulative Cost (Cost) 19,542,502.06	Personnel Regular Hours (hr) 204.00
Daily Contacts WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theorn LaGarde, 403-710-9753; WS Supervisor, Justin Minault, 403 391-0714; On-site Sat Phone, 403-648-9024; WS Supervisor, Chris Kendall, 780-518-3284; WS Supervisor, Myles Hahn, 780-402-				Rig RIGLESS, RIGLESS 1
Tubing Pressure (kPa) 5,327	Casing Pressure (kPa) 8,800	Weather Clear	Temperature (°C) -20	Lease Condition Ice Pad / Snow Covered

Last 24hr Summary

Continue to Flow well to Weatherford testers. Well flowing on a 12.70mm choke, monitoring gas rates ensuring not to exceed 283e³m³/d gas rate (as per NEB).

Continue Hauling Load fluid to Tank Farm in CPC YVQ yard

06:00 = 473 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 470 hrs FLARE

FTP: 5327 kPa
SICP: 8800 kPa
DHP= 10643 kPa
Intermediate CSG = TSTM
Flow Temp: 36 °c
Meter Run Temp: 21 °c
Choke size: 12.7mm
Gas Rate: 84.84 E³m³/d
Gas to Flare last 24 hrs: 87.38 E³m³
Cumulative Gas to Flare: 1508.94 E³m³
ILFTR: 7919.81m³
LFR last hour: 1.66m³
LFR last 24 hours: 39.66m³ (hourly average last 24 hours = 1.65m³/hr)
TLFR: 1804.99m³
TLFLTR: 6114.82m³
Oil rec. last hour: 0.15m³
Oil rec. last 24 hours: 3.78m³
Cumulative Oil rec: 68.15m³
Salinity: 65000 ppm
PH: 7
Sand: 0
Surface Total = 62.92m³
Api = 64.5 @ 15.6°C
H²S = 0.50 ppm
CO2= 1.0%

24hr Forecast

Continue to flow the well to testers.

DAILY TIME LOG

Time	End Time	Dur (hr)	Time P-T-X	Operation
06:00	06:00		P	WSS shift change and handover.
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam.
				Check all personnel's safety tickets. All Valid.

Daily Morning Report

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

Report #: 47
Report Date: 4/5/2014
Final Job Status: C
Final Report?

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:30	12:00	5.50	P	<p>12:00 = 455 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 452 hrs FLARE</p> <p>FTP:5554 kPa SICP:8879 kPa DHP= 10703.7 kPa Intermediate CSG = TSTM Flow Temp: 36 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 88.69 E³m³/d Gas to Flare last 6 hrs: 21.95 E³m³ Cumulative Gas to Flare: 1443.51 E³m³ ILFTR:7919.81m³ LFR last hour:1.77m³ LFR last 6 hours:10.15m³ (hourly average last 6 hours =1.63m³/hr) TLFR:1775.48m³ TLFLTR:6144.33m³ Oil rec. last hour: 0.17m³ Oil rec. last 6 hours:0.95m³ Cumulative Oil rec:65.32m³ Salinity: 62000 ppm PH: 7 Sand: 0 Surface Total = 30.58m³ Api = 63.2@15.6 C Hrs Flowed = 431HRS 30 MIN H²S = 0.50 ppm CO2= 1.0% Protechnics Sample #34 taken @ 12:00</p>
12:00	18:00	6.00	P	<p>18:00 = 461 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 458 hrs FLARE</p> <p>FTP:5326 kPa SICP:8847 kPa DHP= 10677.4 kPa Intermediate CSG = TSTM Flow Temp: 36 °c Meter Run Temp: 21 °c Choke size: 12.7mm Gas Rate: 86.13 E³m³/d Gas to Flare last 6 hrs:21.88 E³m³ Cumulative Gas to Flare: 1465.39 E³m³ ILFTR:7919.81m³ LFR last hour: 1.69m³ LFR last 6 hours:9.84m³ (hourly average last 6 hours =1.64m³/hr) TLFR:1744.92m³ TLFLTR:6174.89m³ Oil rec. last hour: 0.15m³ Oil rec. last 6 hours:0.93m³ Cumulative Oil rec:66.25m³ Salinity: 63000 ppm PH: 7 Sand: 0 Surface Total = 41.35m³ Api = 63.8@15.6 C Hrs Flowed = 461HRS 30 MIN H²S = 0.50 ppm CO2= 1.0%</p>
18:00	19:00	1.00	P	<p>WSS Shift change. Crew shift change. Held a daily safety and operations meeting with all night shift personnel. Reviewed and discussed CPC PJHA regarding night shift operations and all associated hazards. Discussed ERP plan and emergency procedures. All tickets checked and valid. Performed cross shift with day crews.</p>

Daily Morning Report

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

Report #: 47
Report Date: 4/5/2014
Final Job Status: GAS
Final Report? Yes

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
19:00	00:00	5.00	P	00:00 = 467 hrs - 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 464 hrs FLARE FTP: 5342 kPa SICP: 8816 kPa DHP= 10648 kPa Intermediate CSG = TSTM Flow Temp: 36 °c Meter Run Temp: 21 °c Choke size: 12.7mm Gas Rate: 87.96 E ³ m ³ /d Gas to Flare last 6 hrs: 21.87 E ³ m ³ Cumulative Gas to Flare: 1487.26 E ³ m ³ ILFTR: 7919.81m ³ LFR last hour: 1.77m ³ LFR last 6 hours: 10.18m ³ (hourly average last 6 hours = 1.70m ³ /hr) TLFR: 1795.50m ³ TLFLTR: 6124.31m ³ Oil rec. last hour: 0.16m ³ Oil rec. last 6 hours: 0.97m ³ Cumulative Oil rec: 67.22m ³ Salinity: 65000 ppm PH: 7 Sand: 0 Surface Total = 52.50m ³ Api = 63.8 @ 15.6°c Hrs Flowed = 467 Hours 30 Minutes H ² S = 0.50 ppm CO2= 1.0%
0	06:00	6.00	P	06:00 = 473 hrs - 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 470 hrs FLARE FTP: 5327 kPa SICP: 8800 kPa DHP= 10643 kPa Intermediate CSG = TSTM Flow Temp: 36 °c Meter Run Temp: 21 °c Choke size: 12.7mm Gas Rate: 84.84 E ³ m ³ /d Gas to Flare last 24 hrs: 87.38 E ³ m ³ Cumulative Gas to Flare: 1508.94 E ³ m ³ ILFTR: 7919.81m ³ LFR last hour: 1.66m ³ LFR last 24 hours: 39.66m ³ (hourly average last 24 hours = 1.65m ³ /hr) TLFR: 1804.99m ³ TLFLTR: 6114.82m ³ Oil rec. last hour: 0.15m ³ Oil rec. last 24 hours: 3.78m ³ Cumulative Oil rec: 68.15m ³ Salinity: 65000 ppm PH: 7 Sand: 0 Surface Total = 62.92m ³ Api = 64.5 @ 15.6°c H ² S = 0.50 ppm CO2= 1.0%

FLUID SUMMARY

Fluid	To lease (m ³)	From lease (m ³)	To well (m ³)	From well (m ³)	Left to recover (m ³)
	0.00	0.00	0.00	0.00	
FRESH WATER	0.00	44.00	0.00	39.66	6,114.82
PRODUCED OIL			0.00	3.78	-68.15

Y COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,300.00
Service Rig	CANOL OILFIELD SERVICES INC	E120	2,000.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00

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

Report #: 47
Report Date: 4/5/2014
Final Job Status: C
Final Report?

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	3,900.00
Wellsite Supervision & Engineering	DEN JAR CONSULTING LTD	T130	1,670.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	M HAHN CONSULTING INC	T130	1,670.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,595.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	3,686.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	225.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	10.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	550.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	950.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	120.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	70.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	300.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	125.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	150.00
Wellsite Supervision & Engineering	TECTONIC ENERGY CONSULTING INC	T130	1,595.00
Welltesting (Eqpmt,Srvcs,PTA,Gov't Subs)	WEATHERFORD CANADA PARTNERSHIP	M220	16,780

CUMULATIVE JOB FLARED GAS BY ZONE

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Blm (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing

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Final Job Status: GAS
Final Report? Yes

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

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

Report #: 48
Report Date: 4/6/2014
Final Job Status: GAS
Final Report? Yes

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 P-20 65-00 126-45	API / UWI 200/D-020/L094P1699	License No. EL 470			
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00 PBSD (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
Objective New Ventures HZ Canol Formation completion			
Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved Responsible Grp 2 lagarhn Responsible Grp 3 Chris Kendall

AFE COST SUMMARY

AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 4/6/2014 06:00	Report End Date 4/7/2014 06:00	Daily Cost Total (Cost) 53,835.00	Cumulative Cost (Cost) 19,596,337.06	Personnel Regular Hours (hr) 204.00
Daily Contacts WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theorn LaGarde, 403-710-9753; WS Supervisor, Justin Minault, 403 391-0714; On-site Sat Phone, 403-648-9024; WS Supervisor, Chris Kendall, 780-518-3284; WS Supervisor, Myles Hahn, 780-402-				Rig RIGLESS, RIGLESS 1
Tubing Pressure (kPa) 5,304	Casing Pressure (kPa) 8,767	Weather Clear	Temperature (°C) -23	Lease Condition Ice Pad / Snow Covered

Last 24hr Summary

Continue to Flow well to Weatherford testers. Well flowing on a 12.70mm choke, monitoring gas rates ensuring not to exceed 283e³m³/d gas rate (as per NEB).
Continue Hauling Load fluid to Tank Farm in CPC YVQ yard
06:00 = 497 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 494 hrs FLARE

FTP: 5304 kPa
SICP: 8767 kPa
DHP= 10504 kPa
Intermediate CSG = TSTM
Flow Temp: 36 °C
Meter Run Temp: 21 °C
Choke size: 12.7mm
Gas Rate: 86.22 E³m³/d
Gas to Flare last 24 hrs: 86.32 E³m³
Cumulative Gas to Flare: 1595.26 E³m³
ILFTR: 7919.81m³
LFR last hour: 1.53m³
LFR last 24 hours: 37.96m³ (hourly average last 24 hours = 1.58m³/hr)
TLFR: 1842.95m³
TLFLTR: 6076.86m³
Oil rec. last hour: 0.16m³
Oil rec. last 24 hours: 3.64m³
Cumulative Oil rec: 71.79m³
Salinity: 64000 ppm
PH: 7
Sand: 0
Surface Total = 65.52m³
Api = 63.7 @ 15.6°C
H²S = 0.25 ppm
CO2= 1.0%

24hr Forecast

Continue to flow the well to testers.

DAILY TIME LOG

Time	End Time	Dur (hr)	Time P-T-X	Operation
06:00	06:00		P	WSS shift change and handover.
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam.
				Check all personnel's safety tickets. All Valid.

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Report Date: 4/6/2014
Final Job Status: C
Final Report? Yes

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:30	06:30		P	<p>07:45 - Shut in tbg and csg valves to Scada, change out Flange on casing from 2" LP to 1/2" NPT. (Clear out grease plug from Scada Control).</p> <p>8:25 - 8:40 - Pressure test flange on Tbg flow Tee to 1.8MPa (Low). Good Test.</p> <p>8:42 - 8:57 - Pressure test flange on Tbg flow Tee to 21MPa (High). Good Test.</p> <p>Reconfigure test equipment from Tbg Flow Tee to Casing flange.</p> <p>9:15 - 9:30 - Pressure test casing flange to 1.8MPa (Low) Good Test.</p> <p>9:32 - 9:47 - Pressure test casing flange to 21MPa (High). Good test.</p> <p>9:55 - Open up Tbg and Casing to surface Boxes. (Scada).</p>
06:30	12:00	5.50	P	<p>12:00 = 479 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 476 hrs FLARE</p> <p>FTP:5359 kPa SICP:8823 kPa DHP= 10580.5 kPa Intermediate CSG = TSTM Flow Temp: 36 °c Meter Run Temp: 21 °c Choke size: 12.7mm Gas Rate: 85.50 E³m³/d Gas to Flare last 6 hrs: 21.53 E³m³ Cumulative Gas to Flare: 1530.47 E³m³ ILFTR:7919.81m³ LFR last hour:1.56m³ LFR last 6 hours:9.08m³ (hourly average last 6 hours =1.51m³/hr) TLFTR:1814.07m³ TLFLTR:6105.74m³ Oil rec. last hour: 0.15m³ Oil rec. last 6 hours:0.92m³ Cumulative Oil rec:69.07m³ Salinity: 63000 ppm PH: 7 Sand: 0 Surface Total = 33.92m³ Api = 64.7@15.6 C Hrs Flowed = 479HRS 30 MIN H²S = 0.50 ppm CO2= 1.0%</p> <p>Protechnics sample #36 taken. (last Protechnics taken as per program).</p>
12:00	18:00	6.00	P	<p>18:00 = 485 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 482 hrs FLARE</p> <p>FTP:5449 kPa SICP:8811 kPa DHP= 10534.3 kPa Intermediate CSG = TSTM Flow Temp: 36 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 86.93 E³m³/d Gas to Flare last 6 hrs: 21.85 E³m³ Cumulative Gas to Flare: 1552.32 E³m³ ILFTR:7919.81m³ LFR last hour:1.58m³ LFR last 6 hours:10.08m³ (hourly average last 6 hours =1.68m³/hr) TLFTR:1824.15m³ TLFLTR:6095.66m³ Oil rec. last hour: 0.15m³ Oil rec. last 6 hours:0.98m³ Cumulative Oil rec:70.05m³ Salinity: 64000 ppm PH: 7 Sand: 0 Surface Total = 44.98m³ Api = 63.8@15.6 C Hrs Flowed = 485HRS 30 MIN H²S = 0.50 ppm CO2= 1.0%</p>

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Report #: 48
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Final Job Status: GAS
Final Report? Yes

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
18:00	19:00	1.00	P	WSS Shift change. Crew shift change. Held a daily safety and operations meeting with all night shift personnel. Reviewed and discussed CPC PJHA regarding night shift operations and all associated hazards. Discussed ERP plan and emergency procedures. All tickets checked and valid. Performed cross shift with day crews.
19:00	00:00	5.00	P	00:00 = 491 hrs - 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 488 hrs FLARE FTP: 5385 kPa SICP: 8802 kPa DHP= 10525 kPa Intermediate CSG = TSTM Flow Temp: 36 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 87.76 E ³ m ³ /d Gas to Flare last 6 hrs: 21.49 E ³ m ³ Cumulative Gas to Flare: 1573.81 E ³ m ³ ILFTR: 7919.81m ³ LFR last hour: 1.58m ³ LFR last 6 hours: 9.57m ³ (hourly average last 6 hours = 1.60m ³ /hr) TLFTR: 1833.72m ³ TLFLTR: 6086.09m ³ Oil rec. last hour: 0.15m ³ Oil rec. last 6 hours: 0.84m ³ Cumulative Oil rec: 70.89m ³ Salinity: 64000 ppm PH: 7 Sand: 0 Surface Total = 55.39m ³ Api = 64.1 @ 15.6°c Hrs Flowed = 491 Hours 30 Minutes H ² S = 0.50 ppm CO ₂ = 1.1%
00:00	06:00	6.00	P	06:00 = 497 hrs - 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 494 hrs FLARE FTP: 5304 kPa SICP: 8767 kPa DHP= 10504 kPa Intermediate CSG = TSTM Flow Temp: 36 °c Meter Run Temp: 21 °c Choke size: 12.7mm Gas Rate: 86.22 E ³ m ³ /d Gas to Flare last 24 hrs: 86.32 E ³ m ³ Cumulative Gas to Flare: 1595.26 E ³ m ³ ILFTR: 7919.81m ³ LFR last hour: 1.53m ³ LFR last 24 hours: 37.96m ³ (hourly average last 24 hours = 1.58m ³ /hr) TLFTR: 1842.95m ³ TLFLTR: 6076.86m ³ Oil rec. last hour: 0.16m ³ Oil rec. last 24 hours: 3.64m ³ Cumulative Oil rec: 71.79m ³ Salinity: 64000 ppm PH: 7 Sand: 0 Surface Total = 65.52m ³ Api = 63.7 @ 15.6°c H ² S = 0.25 ppm CO ₂ = 1.0%

FLUID SUMMARY

Fluid	To lease (m ³)	From lease (m ³)	To well (m ³)	From well (m ³)	Left to recover (m ³)
	0.00	0.00	0.00	0.00	
FRESH WATER	0.00	39.00	0.00	37.96	6,076.86
PRODUCED OIL			0.00	3.64	-71.79

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,300.00

Daily Morning Report

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

Report #: 48
Report Date: 4/6/2014
Final Job Status: C
Final Report? Y

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Service Rig	CANOL OILFIELD SERVICES INC	E120	2,000.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	3,900.00
Wellsite Supervision & Engineering	DEN JAR CONSULTING LTD	T130	1,670.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	M HAHN CONSULTING INC	T130	1,670.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,595.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	3,686.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	225.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	10.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	550.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	150.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	125.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	120.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	70.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	300
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	950.00
Wellsite Supervision & Engineering	TECTONIC ENERGY CONSULTING INC	T130	1,595.00
Welltesting (Eqpmt, Srvc, PTA, Gov't Subs)	WEATHERFORD CANADA PARTNERSHIP	M220	19,119.00

CUMULATIVE JOB FLARED GAS BY ZONE

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing

Daily Morning Report

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

Report #: 48
Report Date: 4/6/2014
Final Job Status: GAS
Final Report? Yes

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 49
Report Date: 4/7/2014
Final Job Status: GAS
Final Report? Yes

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 P-20 65-00 126-45	API / UWI 200/D-020/L094P1699		License No. EL 470		
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00
					PBTD (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
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Objective

New Ventures HZ Canol Formation completion

Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved	Responsible Grp 2 lagartn	Responsible Grp 3 Chris Kendall
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AFE COST SUMMARY

AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 4/7/2014 06:00	Report End Date 4/8/2014 06:00	Daily Cost Total (Cost) 65,824.43	Cumulative Cost (Cost) 19,662,161.49	Personnel Regular Hours (hr) 240.00
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Daily Contacts

WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theom LaGarde, 403-710-9753; WS Supervisor, Justin Minault, 403 391-0714; On-site Sat Phone, 403-648-9024; WS Supervisor, Chris Kendall, 780-518-3284; WS Supervisor, Myles Hahn, 780-402-

Tubing Pressure (kPa) 10,264	Casing Pressure (kPa) 10,421	Weather Clear	Temperature (°C) -18	Lease Condition Ice Pad / Snow Covered
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Last 24hr Summary

Continue to Flow well to Weatherford testers. 15:00 Shut in the well.

0 = 506 Hrs - 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 503 Hrs FLARE

FTP: 5235 kPa

SICP: 8705 kPa

DHP= 10451.4 kPa

Intermediate CSG = TSTM

Flow Temp: 36 °C

Meter Run Temp: 22 °C

Choke size: 12.7mm

Gas Rate: 88.57 E³m³/d

Gas to Flare last 3 hrs: 10.65 E³m³

Cumulative Gas to Flare: 1627.51 E³m³

ILFTR: 7919.81m³

LFR last hour: 1.64m³

LFR last 3 hours: 4.45m³ (hourly average last 3 hours = 1.48m³/hr)

TLFR: 1857.04m³

TLFLTR: 6062.77m³

Oil rec. last hour: 0.15m³

Oil rec. last 3 hours: 0.43m³

Cumulative Oil rec: 73.16m³

Salinity: 63000 ppm

PH: 7

Sand: 0

Surface Total = 48.98 m³

Api = N/A

Total Hrs Flowed = 506HRS 30 MIN

H²S = 0.30 ppm

CO2= 1.0%

Cleaned out P-tank and started to rig out all Weatherford test equipment.

06:00 SITP: 10624 kPa, SICP: 10421 kPa, BHP: 12830 kPa

24hr Forecast

Finish rig out of test equipment. Haul out 400bbl tanks.

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:00	06:00		P	WSS shift change and handover.
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with flowing well, loading and offloading fluids, sampling and working with steam.
				Check all personnel's safety tickets. All Valid.

Daily Morning Report

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

Report #: 49
Report Date: 4/7/2014
Final Job Status: C
Final Report? \ . .

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P.T.- X	Operation
06:30	12:00	5.50	P	<p>12:00 = 503 hrs- 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 500 hrs FLARE</p> <p>FTP:5326 kPa SICP:8704 kPa DHP= 10477.8 kPa Intermediate CSG = TSTM Flow Temp: 36 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 85.61 E³m³/d Gas to Flare last 6 hrs: 21.60 E³m³ Cumulative Gas to Flare: 1616.86 E³m³ ILFTR:7919.81m³ LFR last hour:1.59m³ LFR last 6 hours:9.64m³ (hourly average last 6 hours =1.60m³/hr) TLFR:1852.59m³ TLFLTR:6067.22m³ Oil rec. last hour: 0.15m³ Oil rec. last 6 hours:0.94m³ Cumulative Oil rec:72.73m³ Salinity: 63000 ppm PH: 7 Sand: 0 Surface Total = 44.10m³ Api = 63.7@15.6 C Hrs Flowed = 503HRS 30 MIN H²S = 0.20 ppm CO2= 1.0%</p> <p>Complete set of samples taken. (Time lapse and routine), sent in through MXL.</p>
12:00	15:00	3.00	P	<p>15:00 Shut in well and took meter out of service.</p> <p>15:00 = 506 Hrs - 30min FLOWING HZ CANOL FOR CLEAN UP / EVALUATION = 503 Hrs FLARE</p> <p>FTP: 5235 kPa SICP:8705 kPa DHP= 10451.4 kPa Intermediate CSG = TSTM Flow Temp: 36 °c Meter Run Temp: 22 °c Choke size: 12.7mm Gas Rate: 88.57 E³m³/d Gas to Flare last 3 hrs: 10.65 E³m³ Cumulative Gas to Flare: 1627.51 E³m³ ILFTR:7919.81m³ LFR last hour:1.64m³ LFR last 3 hours:4.45m³ (hourly average last 3 hours =1.48m³/hr) TLFR:1857.04m³ TLFLTR:6062.77m³ Oil rec. last hour: 0.15m³ Oil rec. last 3 hours:0.43m³ Cumulative Oil rec:73.16m³ Salinity: 63000 ppm PH: 7 Sand: 0 Surface Total = 48.98 m³ Api = N/A Total Hrs Flowed = 506HRS 30 MIN H²S = 0.30 ppm CO2= 1.0%</p>

Daily Morning Report

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

Report #: 49
Report Date: 4/7/2014
Final Job Status: GAS
Final Report? Yes

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T- X	Operation																																																																																																																																																						
15:00	18:00	3.00	P	Started to rig out test equipment and boiler. Read and record build up pressures as follows: <table><tr><th>Time (KPa)</th><th>Downhole Pressure</th><th>(KPa)</th><th>SITP (KPa)</th><th>SITP (SCADA) (KPa)</th><th>SICP (KPa)</th><th>SICP(SCADA)</th></tr><tr><td>15:05</td><td>10848.3</td><td>8611</td><td>8639</td><td>9034</td><td>8984</td><td></td></tr><tr><td>15:10</td><td>11003.7</td><td>8800</td><td>8770</td><td>9119</td><td>9053</td><td></td></tr><tr><td>15:15</td><td>11121.5</td><td>8835</td><td>8832</td><td>9161</td><td>9081</td><td></td></tr><tr><td>15:30</td><td>11252.8</td><td>8993</td><td>8991</td><td>9233</td><td>9129</td><td></td></tr><tr><td>15:45</td><td>11351.8</td><td>9126</td><td>9136</td><td>9289</td><td>9191</td><td></td></tr><tr><td>16:00</td><td>11428.8</td><td>9250</td><td>9294</td><td>9328</td><td>9246</td><td></td></tr><tr><td>16:05</td><td colspan="6">Note: Change out casing sensor and needle valve due to leaking threads.</td></tr><tr><td>16:15</td><td>11497.3</td><td>9349</td><td></td><td>9165</td><td></td><td></td></tr><tr><td>16:30</td><td>11571.1</td><td>9426</td><td>9453</td><td>9417</td><td>9363</td><td></td></tr><tr><td>16:45</td><td>11634.0</td><td>9476</td><td></td><td>9495</td><td></td><td></td></tr><tr><td>17:00</td><td>11685.8</td><td>9522</td><td>9536</td><td>9577</td><td>9508</td><td></td></tr><tr><td>17:15</td><td>11744.4</td><td>9522</td><td></td><td>9629</td><td></td><td></td></tr><tr><td>17:30</td><td>11773.0</td><td>9589</td><td></td><td>9685</td><td></td><td></td></tr><tr><td>17:45</td><td>11826.4</td><td>9635</td><td></td><td>9730</td><td></td><td></td></tr><tr><td>18:00</td><td>11882.5</td><td>9682</td><td>9715</td><td>9765</td><td>9687</td><td></td></tr></table>	Time (KPa)	Downhole Pressure	(KPa)	SITP (KPa)	SITP (SCADA) (KPa)	SICP (KPa)	SICP(SCADA)	15:05	10848.3	8611	8639	9034	8984		15:10	11003.7	8800	8770	9119	9053		15:15	11121.5	8835	8832	9161	9081		15:30	11252.8	8993	8991	9233	9129		15:45	11351.8	9126	9136	9289	9191		16:00	11428.8	9250	9294	9328	9246		16:05	Note: Change out casing sensor and needle valve due to leaking threads.						16:15	11497.3	9349		9165			16:30	11571.1	9426	9453	9417	9363		16:45	11634.0	9476		9495			17:00	11685.8	9522	9536	9577	9508		17:15	11744.4	9522		9629			17:30	11773.0	9589		9685			17:45	11826.4	9635		9730			18:00	11882.5	9682	9715	9765	9687																																							
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18:00	18:30	0.50	P	WSS Shift change.																																																																																																																																																						
18:30	20:00	1.50	P	Waited for night shift test crew to arrive. Crew is now traveling from Norman wells and can only work a 10 hour shift on site to stay within NWT maximum 12 hour work day.																																																																																																																																																						
20:00	20:30	0.50	P	Held a daily safety and operations meeting with night shift test crew. Reviewed and discussed CPC PJHA regarding rig out of test equipment and all associated hazards.																																																																																																																																																						
20:30	06:00	9.50	P	Continued to rig out all Weatherford test equipment and obtain pressure build ups. Rigged out all hoses and fittings from tank farm. Racked all flow, flare and POP lines. <table><tr><th>Time</th><th>DH Pressure</th><th>SITP</th><th>SITP(SCADA)</th><th>SICP</th><th>SICP(SCADA)</th></tr><tr><td>18:30</td><td>11956 kPa</td><td>9372 kPa</td><td></td><td>9819 kPa</td><td></td></tr><tr><td>19:00</td><td>12014 kPa</td><td>9776 kPa</td><td>9805 kPa</td><td>9872 kPa</td><td>9756 kPa</td></tr><tr><td>19:30</td><td>12085 kPa</td><td>9808 kPa</td><td></td><td>9907 kPa</td><td></td></tr><tr><td>20:00</td><td>12141 kPa</td><td>9846 kPa</td><td>9880 kPa</td><td>9947 kPa</td><td>9894 kPa</td></tr><tr><td>20:30</td><td>12213 kPa</td><td>9872 kPa</td><td></td><td>9988 kPa</td><td></td></tr><tr><td>21:00</td><td>12243 kPa</td><td>9917 kPa</td><td>9942 kPa</td><td>10020 kPa</td><td>9949 kPa</td></tr><tr><td>21:30</td><td>12302 kPa</td><td>9944 kPa</td><td></td><td>10064 kPa</td><td></td></tr><tr><td>22:00</td><td>12352 kPa</td><td>9973 kPa</td><td>10025 kPa</td><td>10086 kPa</td><td>10018 kPa</td></tr><tr><td>22:30</td><td>12382 kPa</td><td>10002 kPa</td><td></td><td>10117 kPa</td><td></td></tr><tr><td>23:00</td><td>12411 kPa</td><td>10021 kPa</td><td>10066 kPa</td><td>10147 kPa</td><td>10087 kPa</td></tr><tr><td>23:30</td><td>12473 kPa</td><td>10030 kPa</td><td></td><td>10176 kPa</td><td></td></tr><tr><td>00:00</td><td>12513 kPa</td><td>10056 kPa</td><td>10135 kPa</td><td>10192 kPa</td><td>10128 kPa</td></tr><tr><td>00:30</td><td>12546 kPa</td><td>10080 kPa</td><td></td><td>10214 kPa</td><td></td></tr><tr><td>01:00</td><td>12580 kPa</td><td>10114 kPa</td><td>10170 kPa</td><td>10240 kPa</td><td>10183 kPa</td></tr><tr><td>01:30</td><td>12616 kPa</td><td>10133 kPa</td><td></td><td>10264 kPa</td><td></td></tr><tr><td>02:00</td><td>12629 kPa</td><td>10152 kPa</td><td>10225 kPa</td><td>10283 kPa</td><td>10255 kPa</td></tr><tr><td>02:30</td><td>12671 kPa</td><td>10178 kPa</td><td></td><td>10309 kPa</td><td></td></tr><tr><td>03:00</td><td>12698 kPa</td><td>10185 kPa</td><td>10252 kPa</td><td>10318 kPa</td><td>10294 kPa</td></tr><tr><td>03:30</td><td>12710 kPa</td><td>10205 kPa</td><td></td><td>10344 kPa</td><td></td></tr><tr><td>04:00</td><td>12748 kPa</td><td>10222 kPa</td><td>10294 kPa</td><td>10361 kPa</td><td>10308 kPa</td></tr><tr><td>04:30</td><td>12768 kPa</td><td>10236 kPa</td><td></td><td>10381 kPa</td><td></td></tr><tr><td>05:00</td><td>12797 kPa</td><td>10256 kPa</td><td>10321 kPa</td><td>10389 kPa</td><td>10342 kPa</td></tr><tr><td>05:30</td><td>12811 kPa</td><td>10260 kPa</td><td></td><td>10407 kPa</td><td></td></tr><tr><td>06:00</td><td>12830 kPa</td><td>10264 kPa</td><td>10349 kPa</td><td>10421 kPa</td><td>10377 kPa</td></tr></table>	Time	DH Pressure	SITP	SITP(SCADA)	SICP	SICP(SCADA)	18:30	11956 kPa	9372 kPa		9819 kPa		19:00	12014 kPa	9776 kPa	9805 kPa	9872 kPa	9756 kPa	19:30	12085 kPa	9808 kPa		9907 kPa		20:00	12141 kPa	9846 kPa	9880 kPa	9947 kPa	9894 kPa	20:30	12213 kPa	9872 kPa		9988 kPa		21:00	12243 kPa	9917 kPa	9942 kPa	10020 kPa	9949 kPa	21:30	12302 kPa	9944 kPa		10064 kPa		22:00	12352 kPa	9973 kPa	10025 kPa	10086 kPa	10018 kPa	22:30	12382 kPa	10002 kPa		10117 kPa		23:00	12411 kPa	10021 kPa	10066 kPa	10147 kPa	10087 kPa	23:30	12473 kPa	10030 kPa		10176 kPa		00:00	12513 kPa	10056 kPa	10135 kPa	10192 kPa	10128 kPa	00:30	12546 kPa	10080 kPa		10214 kPa		01:00	12580 kPa	10114 kPa	10170 kPa	10240 kPa	10183 kPa	01:30	12616 kPa	10133 kPa		10264 kPa		02:00	12629 kPa	10152 kPa	10225 kPa	10283 kPa	10255 kPa	02:30	12671 kPa	10178 kPa		10309 kPa		03:00	12698 kPa	10185 kPa	10252 kPa	10318 kPa	10294 kPa	03:30	12710 kPa	10205 kPa		10344 kPa		04:00	12748 kPa	10222 kPa	10294 kPa	10361 kPa	10308 kPa	04:30	12768 kPa	10236 kPa		10381 kPa		05:00	12797 kPa	10256 kPa	10321 kPa	10389 kPa	10342 kPa	05:30	12811 kPa	10260 kPa		10407 kPa		06:00	12830 kPa	10264 kPa	10349 kPa	10421 kPa	10377 kPa
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04:00	12748 kPa	10222 kPa	10294 kPa	10361 kPa	10308 kPa																																																																																																																																																					
04:30	12768 kPa	10236 kPa		10381 kPa																																																																																																																																																						
05:00	12797 kPa	10256 kPa	10321 kPa	10389 kPa	10342 kPa																																																																																																																																																					
05:30	12811 kPa	10260 kPa		10407 kPa																																																																																																																																																						
06:00	12830 kPa	10264 kPa	10349 kPa	10421 kPa	10377 kPa																																																																																																																																																					

FLUID SUMMARY

Fluid	To lease (m³)	From lease (m³)	To well (m³)	From well (m³)	Left to recover (m³)
	0.00	0.00	0.00	0.00	
FRESH WATER	0.00	68.81	0.00	14.09	6,062.77
PRODUCED OIL	0.00	23.19	0.00	1.37	-73.16

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,322.50
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00

Daily Morning Report

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

Report #: 49
Report Date: 4/7/2014
Final Job Status: C
Final Report? YES

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	1,168.75
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	3,900.00
Wellsite Supervision & Engineering	DEN JAR CONSULTING LTD	T130	1,670.00
Safety Equipment & Services	HODGSON'S CONTRACTING (2005) LTD	T430	8,910.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	M HAHN CONSULTING INC	T130	2,000.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,595.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Completion Fluids & Other Chem	PBN ENERGY SERVICES LTD	G300	1,980.00
Pressure Truck/Hot Oilier	PBN ENERGY SERVICES LTD	S990	1,980.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	3,686.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	225.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	10.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	550.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	150.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	125.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	120.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	70.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	300
Wellsite Supervision & Engineering	TECTONIC ENERGY CONSULTING INC	T130	950.00
Welltesting (Eqpmt,Srvcs,PTA,Gov't Subs)	WEATHERFORD CANADA PARTNERSHIP	M220	1,595.00
CUMULATIVE JOB FLARED GAS BY ZONE			18,717.18

Zone

CANOL, Original Hole

Volume Gas Total (E3m³)

1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing

Daily Morning Report

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

Report #: 49
Report Date: 4/7/2014
Final Job Status: GAS
Final Report? Yes

PERFORATIONS					
Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 50
Report Date: 4/8/2014
Final Job Status: GAS
Final Report? Yes

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 P-20 65-00 126-45		API / UWI 200/D-020/L094P1699		License No. EL 470	
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00 PBD (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
Objective New Ventures HZ Canol Formation completion			
Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved Responsible Grp 2 lagartn Responsible Grp 3 Chris Kendall

AFE COST SUMMARY

AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 4/8/2014 06:00	Report End Date 4/9/2014 06:00	Daily Cost Total (Cost) 102,753.00	Cumulative Cost (Cost) 19,764,914.49	Personnel Regular Hours (hr) 264.00
Daily Contacts WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theorn LaGarde, 403-710-9753; WS Supervisor, Justin Minault, 403 391-0714; On-site Sat Phone, 403-648-9024; WS Supervisor, Chris Kendall, 780-518-3284; WS Supervisor, Myles Hahn, 780-402-				Rig RIGLESS, RIGLESS 1
Tubing Pressure (kPa) 10,668	Casing Pressure (kPa) 10,924	Weather Light Snow	Temperature (°C) -12	Lease Condition Ice Pad / Snow Covered

Last 24hr Summary

Continue to rig out Weatherford test equipment, Boiler and tank farm, Haul equipment to CPC YVQ yard and/or appropriate Vendor. Continue to read and record build up pressures. Erected chain link fence around wellhead.
00:00 BHP: 13083 kPa, SITP: 10402 kPa, SICP: 10593 kPa
18:00 BHP: 13276 kPa, SITP: 10514 kPa, SICP: 10707 kPa
00:00 BHP: 13439 kPa, SITP: 10592 kPa, SICP: 10822 kPa
06:00 BHP: 13576 kPa, SITP: 10668 kPa, SICP: 10924 kPa

24hr Forecast

Lease clean up.

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:00	06:00		P	WSS shift change and handover.
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with rigging out equipment, moving equipment, pinch / crush points, use of spotter and load securement. Check all personnel's safety tickets. All Valid.
06:30	12:00	5.50	P	Continue to rig out Weatherford test equipment, stack matting and haul out 400bbl tanks from flow back tank farm to CPC YVQ yard. Pressure build ups: Time DH Pressure SITP SITP(SCADA) SICP SICP(SCADA) 06:00 12830.7 10264 10349 10421 10377 07:00 12899.9 10279 10455 08:00 12927.2 10311 10483 09:00 12977.7 10331 10467 10514 10439 10:00 13029.1 10344 10474 10540 10480 11:00 13045.6 10386 10487 10566 10515 12:00 13083.4 10402 10515 10593 10529
12:00	18:00	6.00	P	Load up and haul out all Weatherford testing equipment, 400bbl tanks, and matting. Rcs crew dismantle flow back farm containment, cut up liner and geo in 1m ² pieces, load up in c-can for disposal. Continue to read and record build up pressures as follows: Pressure build ups: Time DH Pressure SITP SITP(SCADA) SICP SICP(SCADA) 13:00 13112.1 10416 10542 10615 10556 14:00 13137.1 10427 10563 10642 10570 15:00 13192.8 10455 10590 10661 10604 16:00 13218.2 10482 10611 10682 10584 17:00 13250.1 10513 10625 10700 10652 18:00 13276.6 10514 10653 10707 10667

Daily Morning Report

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

Report #: 50
Report Date: 4/8/2014
Final Job Status: C
Final Report?

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
18:00	06:00	12.00	P	20:00 Held a daily safety and operations meeting with night shift test crew. Reviewed and discussed CPC PJHA regarding night time operations and all associated hazards. Erected chain link fence around the wellhead. Pressure build ups: Time DH Pressure SITP SITP(SCADA) SICP SICP(SCADA) 19:00 13309 10526 10666 10730 10680 20:00 13323 10535 10756 10753 10735 21:00 13341 10546 10707 10781 10707 22:00 13389 10563 10714 10802 10721 23:00 13428 10569 10718 10809 10725 00:00 13439 10592 10776 10822 10790 01:00 13474 10608 10784 10850 10777 02:00 13489 10619 10790 10865 10818 03:00 13514 10627 10845 10878 10832 04:00 13556 10647 10845 10899 10832 05:00 13558 10657 10847 10914 10836 06:00 13576 10668 10866 10924 10873

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	
PRODUCED OIL	0.00	0.00	0.00	0.00	6,062.77
					-73.16

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,340
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	940.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	4,790.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	2,030.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	2,030.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	2,810.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	2,960.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	3,110.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	3,110.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	2,960.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	2,810.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	3,110.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	5,140.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	4,930.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	3,430.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	3,900.00
Wellsite Supervision & Engineering	DEN JAR CONSULTING LTD	T130	1,670.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	M HAHN CONSULTING INC	T130	2,000.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,595.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	3,686.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	225.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	10.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	550.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	150.00

Daily Morning Report

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

Report #: 50
Report Date: 4/8/2014
Final Job Status: GAS
Final Report? Yes

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	125.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	120.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	70.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	300.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	950.00
Wellsite Supervision & Engineering	TECTONIC ENERGY CONSULTING INC	T130	1,595.00
Welltesting (Eqpmt,Srvcs,PTA,Gov't Subs)	WEATHERFORD CANADA PARTNERSHIP	M220	25,827.00

CUMULATIVE JOB FLARED GAS BY ZONE

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 50
Report Date: 4/8/2014
Final Job Status: C
Final Report?

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 51
Report Date: 4/9/2014
Final Job Status: GAS
Final Report? Yes

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 P-20 65-00 126-45	API / UWI 200/D-020/L094P1699	License No. EL 470			
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00
					PBTD (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
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Objective

New Ventures HZ Canol Formation completion

Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved	Responsible Grp 2 lagartn	Responsible Grp 3 Chris Kendall
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AFE COST SUMMARY

AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 4/9/2014 06:00	Report End Date 4/10/2014 06:00	Daily Cost Total (Cost) 139,390.34	Cumulative Cost (Cost) 19,904,304.83	Personnel Regular Hours (hr) 216.00
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Daily Contacts

WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theorn LaGarde, 403-710-9753; WS Supervisor, Justin Minault, 403 391-0714; On-site Sat Phone, 403-648-9024; WS Supervisor, Chris Kendall, 780-518-3284; WS Supervisor, Myles Hahn, 780-402-

Rig
RIGLESS, RIGLESS 1

Tubing Pressure (kPa) 10,747	Casing Pressure (kPa) 10,987	Weather Clear	Temperature (°C) -13	Lease Condition Ice Pad / Snow Covered
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Last 24hr Summary

Finish cutting up and disposing of liner and geo, haul out remaining matting and containment, continue to read and record build up pressures. Cleaned, winterized and readied command center to be hauled out.

Forecast

Haul out remaining equipment. Final lease clean up.

DAILY TIME LOG

DAILY TIME LOG				Operation																																				
Start Time	End Time	Dur (hr)	Time P-T-X																																					
06:00	06:00		P	WSS shift change and handover.																																				
06:00	06:30	0.50	P	Conduct Pre-job safety meeting with all personnel, review PJHA and discuss hazards associated with cutting up liner and geo, moving equipment, pinch / crush points, use of spotter and load securement. Check all personnel's safety tickets. All Valid.																																				
06:30	14:00	7.50	P	Continue to cut up liner and geo, haul out remaining matting and light towers to CPC YVQ and Hodgson's yard. Pressure build ups: <table><tr><th>Time</th><th>DH Pressure</th><th>SITP</th><th>SITP(SCADA)</th><th>SICP</th><th>SICP(SCADA)</th></tr><tr><td>06:00</td><td>13576.9</td><td>10668</td><td>10866</td><td>10924</td><td>10873</td></tr><tr><td>07:00</td><td>13605.4</td><td>10675</td><td></td><td>10936</td><td></td></tr><tr><td>08:00</td><td>13647.2</td><td>10699</td><td>10900</td><td>10952</td><td>10914</td></tr><tr><td>09:00</td><td>13655.2</td><td>10711</td><td>10915</td><td>10968</td><td>10853</td></tr><tr><td>10:00</td><td>13685.9</td><td>10747</td><td>10922</td><td>10987</td><td>10929</td></tr></table> Clean up location and prep Navigator shack to return. Wait for Blair Gifford with Weatherford to arrive to recalibrate Weatherford Real Time monitoring / transmitter system.	Time	DH Pressure	SITP	SITP(SCADA)	SICP	SICP(SCADA)	06:00	13576.9	10668	10866	10924	10873	07:00	13605.4	10675		10936		08:00	13647.2	10699	10900	10952	10914	09:00	13655.2	10711	10915	10968	10853	10:00	13685.9	10747	10922	10987	10929
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06:00	13576.9	10668	10866	10924	10873																																			
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08:00	13647.2	10699	10900	10952	10914																																			
09:00	13655.2	10711	10915	10968	10853																																			
10:00	13685.9	10747	10922	10987	10929																																			
14:00	18:00	4.00	P	Weatherford Real Time technician on location (Blair Gifford). Plug in laptop and install software update, Wait for technicians in Houston to run scenarios to trouble shoot potential issues. Wait for confirmation to confirm system is functioning properly.																																				
18:00	06:00	12.00	P	WSS shift change and handover. Shredded all field notes and tight hole non essential paperwork from job. Cleaned out command center. Drained plumbing and winterized command center.																																				

WID SUMMARY

Fluid	To lease (m³)	From lease (m³)	To well (m³)	From well (m³)	Left to recover (m³)
	0.00	0.00	0.00	0.00	
FRESH WATER	0.00	0.00	0.00	0.00	6,062.77
PRODUCED OIL	0.00	0.00	0.00	0.00	-73.16

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	480.00

Daily Morning Report

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

Report #: 51
Report Date: 4/9/2014
Final Job Status: C
Final Report?

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	1,410.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	850.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	1,130.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	1,440.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	1,440.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	1,440.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	27,500.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	27,500.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	27,500.00
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	3,900.00
Wellsite Supervision & Engineering	DEN JAR CONSULTING LTD	T130	2,000.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	M HAHN CONSULTING INC	T130	2,000.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	1,950.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	3,686.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	225.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	10.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	550.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	150
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	125
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	120.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	70.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	300.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	950.00
Wellsite Supervision & Engineering	TECTONIC ENERGY CONSULTING INC	T130	3,000.00
Welltesting (Eqpmt,Srvcs,PTA,Gov't Subs)	WEATHERFORD CANADA PARTNERSHIP	M220	26,634.34

CUMULATIVE JOB FLARED GAS BY ZONE

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Blm (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing

Daily Morning Report

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

Report #: 51
Report Date: 4/9/2014
Final Job Status: GAS
Final Report? Yes

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 52
Report Date: 4/10/2014
Final Job Status: GAS
Final Report? Yes

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 P-20 65-00 126-45	API / UWI 200/D-020/L094P1699	License No. EL 470			
Orig KB/RT (m) 289.35	Ground Elevation (m) 284.15	KB-Grd (m) 5.20	KB-CF (m) 5.40	KB-TF (m) 4.10	Total Depth (mKB) 3,152.00
					PBTD (All) (mKB) Original Hole - 3,129.60

JOB INFORMATION

Job Category COMPLETIONS	Primary Job Type INITIAL COMPLETION	Secondary Job Type RIGLESS	Total Field Estimate (Cost) 20,251,383.86
Objective New Ventures HZ Canol Formation completion			
Actual Start Date 2/18/2014 07:30	End Date 4/11/2014 06:00	Abandon Date	Responsible Grp 1 coved
		Responsible Grp 2 lagarhn	Responsible Grp 3 Chris Kendall

AFE COST SUMMARY

AFE / RFE / Maint.# 10351862	Total AFE Amount (Cost) 923,600.00	Total AFE + Supp Amount (Cost) 923,600.00	Total Field Estimate (Cost) 380,182.50	AFE-Field Estimate (Cost) 543,417.50
AFE / RFE / Maint.# 10359334	Total AFE Amount (Cost) 17,880,000.00	Total AFE + Supp Amount (Cost) 17,880,000.00	Total Field Estimate (Cost) 19,871,201.36	AFE-Field Estimate (Cost) -1,991,201.36

DAILY INFORMATION

Report Start Date 4/10/2014 06:00	Report End Date 4/11/2014 06:00	Daily Cost Total (Cost) 347,079.03	Cumulative Cost (Cost) 20,251,383.86	Personnel Regular Hours (hr) 48.00
Daily Contacts WS Superintendent, Derrick Cove, 780-831-1314; Completion Engineer, Theorn LaGarde, 403-710-9753; WS Supervisor, Justin Minault, 403 391-0714; On-site Sat Phone, 403-648-9024; WS Supervisor, Chris Kendall, 780-518-3284; WS Supervisor, Myles Hahn, 780-402-				Rig RIGLESS, RIGLESS 1
Tubing Pressure (kPa)	Casing Pressure (kPa)	Weather Clear	Temperature (°C) -16	Lease Condition Ice Pad / Snow Covered

Last 24hr Summary

Haul out remaining equipment, clean up lease. Weatherford Real Time Technician (Blair Gifford) on location trouble shooting, repairing and monitoring equipment.

Forecast

Well secured and opened to surface recorder equipment.

DAILY TIME LOG

Start Time	End Time	Dur (hr)	Time P-T-X	Operation
06:00	08:00	2.00	P	Pre-job safety meeting with Black Opal and Northridge Septic vac Personnel, discuss hazards associated with electrical shock, handling waste, and load securement. Clean up Navigator Command Center, pack up all completions equipment into crate to be sent to Grande Prairie via MXL, wrap up RCS Gen-set, drain up and rig out Black Opal septic system. Ensure all loads prepped for transport.
08:00	12:00	4.00	P	Canol trucking on location, conduct PJHA meeting and discuss hazards associated with loading / unloading, load securement and transport on ice road. Load up and haul out remaining equipment, rack Navigator Command center, RCS Sahtu Gen-set, and Black Opal septic system in CPC YVQ yard, haul remaining matting to Hodgson's yard. Conduct final sweep of location to ensure all garbage picked up, wellhead secure and locked, and proper signage in place.
12:00	13:00	1.00	P	Weatherford Data Technician (Blair Gifford) on location recording build up pressure's to calibrate sending equipment with surface pressure's, discuss PJHA for working alone, implimented plan for Blair to contact CPC WSS Chris Kendall ever 2 Hours while on location alone.

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	6,062.77
PRODUCED OIL	0.00	0.00	0.00	0.00	-73.16

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Surface Completion Equipment Rental	BOREALIS COMMUNICATIONS INC	Q300	5,311.00
Surface Completion Equipment Rental	CANOL OILFIELD SERVICES INC	Q300	2,300.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	1,200.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	1,200.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	1,200.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	1,200.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	1,200.00
Trucking/Hauling/ Hot Shot Services	CANOL OILFIELD SERVICES INC	P100	1,950.00
Completion Fluids & Other Chem	CANOL OILFIELD SERVICES INC	G300	13,533.38

Daily Morning Report

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

Report #: 52
Report Date: 4/10/2014
Final Job Status: C
Final Report?

DAILY COST

BU Desc	Vendor	Activity Code	Amount (Cost)
Service Rig	CORNERSTONE OILFIELD SERVICES LTD	E120	3,900.00
Wellsite Supervision & Engineering	DEN JAR CONSULTING LTD	T130	7,000.00
Surface Completion Equipment Rental	HRN CONTRACTING LTD	Q300	400.00
Wellsite Supervision & Engineering	M HAHN CONSULTING INC	T130	3,000.00
Trucking/Hauling/ Hot Shot Services	MCKAY EXPEDITING AND LOGISTICS LTD	P100	1,225.02
Trucking/Hauling/ Hot Shot Services	MCKAY EXPEDITING AND LOGISTICS LTD	P100	116,154.50
Trucking/Hauling/ Hot Shot Services	MCKAY EXPEDITING AND LOGISTICS LTD	P100	192.66
Tubing	MCKAY EXPEDITING AND LOGISTICS LTD	A210	32,382.59
Trucking/Hauling/ Hot Shot Services	MCKAY EXPEDITING AND LOGISTICS LTD	P100	3,141.93
Trucking/Hauling/ Hot Shot Services	MCKAY EXPEDITING AND LOGISTICS LTD	P100	1,681.62
Trucking/Hauling/ Hot Shot Services	MCKAY EXPEDITING AND LOGISTICS LTD	P100	2,445.22
Trucking/Hauling/ Hot Shot Services	MCKAY EXPEDITING AND LOGISTICS LTD	P100	2,186.11
Trucking/Hauling/ Hot Shot Services	MCKAY EXPEDITING AND LOGISTICS LTD	P100	63,734.00
Wellsite Supervision & Engineering	MINAULT ENERGY SERVICES LTD	T130	3,000.00
Surface Completion Equipment Rental	MYB CONSTRUCTION LTD	Q300	17,940.00
Surface Completion Equipment Rental	NAVIGATOR ENERGY SERVICES LTD	Q300	600.00
Surface Completion Equipment Rental	PBN ENERGY SERVICES LTD	Q300	1,000.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	RIGSAT COMMUNICATIONS INC	Q300	15.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	3,686.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	225.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	10.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	550.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	150.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	125.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	120.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	70.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	500.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	300.00
Surface Completion Equipment Rental	SAHTU RCS ENERGY SERVICES LTD	Q300	950.00
Fracture Stimulation Services	SCHLUMBERGER CANADA LIMITED	N110	5,175.00
Trucking/Hauling/ Hot Shot Services	V D M TRUCKING SERVICE LTD	P100	19,900.00
Trucking/Hauling/ Hot Shot Services	V D M TRUCKING SERVICE LTD	P100	26,910.00

CUMULATIVE JOB FLARED GAS BY ZONE

Zone	Volume Gas Total (E3m³)
CANOL, Original Hole	1,627.510

PERFORATIONS

Date	Zone	Top (mKB)	Btm (mKB)	Shot Dens (shots/m)	Current Status
3/4/2014	CANOL, Original Hole	3,118.00	3,119.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,098.00	3,099.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,079.00	3,080.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,059.00	3,060.00	6.0	Open - Flowing
3/4/2014	CANOL, Original Hole	3,040.00	3,041.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,021.00	3,022.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	3,001.00	3,002.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,982.00	2,983.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,962.00	2,963.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,943.00	2,944.00	6.0	Open - Flowing
3/7/2014	CANOL, Original Hole	2,924.00	2,925.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,904.00	2,905.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,885.00	2,886.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,866.00	2,867.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,846.00	2,847.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,827.00	2,828.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,807.00	2,808.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,788.00	2,789.00	6.0	Open - Flowing
3/8/2014	CANOL, Original Hole	2,769.00	2,770.00	6.0	Open - Flowing

Daily Morning Report

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

Report #: 52
Report Date: 4/10/2014
Final Job Status: GAS
Final Report? Yes

PERFORATIONS					
Date	Zone	Top (mKB)	Blm (mKB)	Shot Dens (shots/m)	Current Status
3/8/2014	CANOL, Original Hole	2,749.00	2,750.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,730.00	2,731.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,710.00	2,711.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,691.00	2,692.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,672.00	2,673.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,652.00	2,653.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,633.00	2,634.00	10.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,613.00	2,614.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,594.00	2,595.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,575.00	2,576.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,555.00	2,556.00	6.0	Open - Flowing
3/9/2014	CANOL, Original Hole	2,536.00	2,537.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,516.00	2,517.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,497.00	2,498.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,478.00	2,479.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,458.00	2,459.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,439.00	2,440.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,419.00	2,420.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,400.00	2,401.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,381.00	2,382.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,361.00	2,362.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,342.00	2,343.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,322.00	2,323.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,303.00	2,304.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,284.00	2,285.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,264.00	2,265.00	6.0	Open - Flowing
3/10/2014	CANOL, Original Hole	2,245.00	2,246.00	6.0	Open - Flowing

