

APPROVAL TO ALTER CONDITION OF A WELL

APPLICATION

This application is submitted under Section 10 of the *Oil and Gas Drilling and Production Regulations*. When granted under Section 13 of the Regulations, this form is the requisite approval for the commencement of well operations. An approved copy of this notice is to be posted at each drill site.

Well Name	COPRC MIRROR LAKE N-20-65-00 126-45					
Well Identifier	2079	Operations Authorization No.	NEBOA1211-002			
Operator	ConocoPhillips Canada	Current Depth	2146m KB			
Operating Licence No.	NWT-OL-2014-002	Licence No.	Exploration Licence EL 470			
Contractor	TBD	Drilling Rig or Unit	TBD			
Station Keeping	Not Applicable	Land Structure	Conventional Land			
Current Well Status	Suspended	Anticipated Well Status Change	Suspended			
Land Use Permit No.	TBD	Issued by:	Sahtu Land and Water Board			
Water Licence No.	SL14L1-003	Issued by:	Sahtu Land and Water Board			
Location	Unit	N	Section	20	Grid	65-00 126-45
Coordinates (NAD 27)	Surface		Lat	64° 59' 46.8"	Long	126° 48' 14.6"
	Bottom Hole		Lat	64° 59' 46.8"	Long	126° 48' 14.6"
Ground Level / Seafloor	281.3 m			Elevation KB/RT	286.5 m	
Approximate Date of Commencement	Feb 10, 2016			Est. Days on Location	14 days	

WELL OPERATION PROGRAM

Activity Type	Top to Bottom Interval (m KB)	Comments
Suspension	2059.0-2060.0	Cement Squeeze existing perforations
Suspension	2023.0-2024.0	Cement Squeeze existing perforations
Suspension	1993.0-1994.0	Cement Squeeze existing perforations
Suspension	2068.0-2070.0	Perforate Lower Canol & cement squeeze
Suspension	2015.0-2017.0	Perforate Lower Canol & cement squeeze

Additional Information

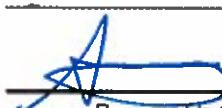
Scope of well suspension program is to conduct operations for surface casing vent flow repair and to leave the well suspended as per the following summary: (See attached detailed program).

- 1) Install a surface casing ventmeter to monitor flowrates and pressures during operations.
- 2) Recover retrievable bridge plugs from 1976.25m KB & 1986.3m KB.
- 3) Perforate from 2068.0-2070.0m KB & 2015.0-2017.0m KB. Attempt feed rate with water.
- 4) Balance 200 to 300 meter cement plug based on feed rates and cement squeeze Lower Canol while monitoring effect on surface casing vent meter. Tag and pressure test cement plug.
- 5) Perforate Imperial Sand from 1938.0-1940.0m KB. Attempt feed rate with water. If required acidize with 2m3 of 15% HCL acid and additives or synthetic acid blend. Set a cement retainer.
- 6) Cement squeeze perforations from 1938.0-1940.0m KB while monitoring effect on surface casing vent meter.
- 7) Perforate Imperial Sand from 1906.0-1908.0m KB. Attempt feed rate with water. If required acidize with 2m3 of 15% HCL acid and additives or synthetic acid blend. Set a cement retainer.
- 8) Cement squeeze perforations from 1906.0-1908.0m KB while monitoring effect on surface casing vent meter.
- 9) Rig out Service rig and equipment. Leave vent meter on to monitor until shipping out on the winter road is required.

"I certify that the information provided on this form is true and correct"

Name	Angel R. Avery	Telephone	(403) 233-4147 Ext
Job Designation	General Counsel & VP Legal & <u>BD</u>	E-Mail	Angela.R.Avery@cop.com
Operator	ConocoPhillips Canada Resources		

Signature



Responsible Officer of Company

Date

May 22, 2015

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OROGO USE ONLY

This well approval is granted under section 13 of the *Oil and Gas Drilling and Production Regulations* and is subject to the terms and conditions attached to this approval and Operations Authorization No. OA-1011-002.

Job Designation Chief Conservation Officer Well Identifier 2079 Unique Well Identifier 300N206S00126450
Signature  Date JUL 21 2015

Instructions:

Send three copies of the completed form with original signatures, along with the appropriate supporting technical documentation, to:

Chief Conservation Officer, OROGO
Department of Industry, Tourism and Investment
Government of the Northwest Territories
P.O. Box 1320
Yellowknife NT X1A 2L9