



2013 SEP 16 P 3:04

## APPROVAL TO ALTER CONDITION OF A WELL

NEB/DNE

## APPLICATION

This application is submitted under Section 10 of the *Canada Oil and Gas Drilling and Production Regulations* (SOR/2009-0315). 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		
Well Identifier	2079	Operations Authorization No.	OA1211-002
Operator	ConocoPhillips Canada Resources Corp	Current Depth	2146m KB
NEB Operating Licence No.	1211	Licence No.	Exploration Licence 470
Contractor	TBD	Drilling Rig or Unit	n/a
Station Keeping	Not Applicable	Land Structure	Conventional Land
Current Well Status	Suspended	Anticipated Well Status Change	Other Observation
Land Use Permit No.	S12A-005	Issued by:	Sahtu Land and Water Board
Water Licence No.	S12L-005 Type B	Issued by:	Sahtu Land and Water Board
Location	Unit	Section	Grid
	N	20	65-00 126-45
Coordinates (NAD 27)	Surface	Lat	Long
		64 ° 59 ' 46.8 "	126 ° 48 ' 14.6 "
	Bottom Hole	Lat	Long
		64 ° 59 ' 46.8 "	126 ° 48 ' 14.6 "
Ground Level / Seafloor	281.3 m	Elevation KB/RT	286.5 m
Approximate Date of Commencement	11/2/14	Est. Days on Location	30 days

## WELL OPERATION PROGRAM

Activity Type	Top to Bottom Interval (m KB)	Comments
Re-entry	0-2146	Microseismic survey to be undertaken ,
Other	0-2146 m KB	log w/ USIT; IBC/CNL/DSI/CCL/GR; ROKE Sound Hound noise log
Completion	1993-1994	Pull upper bridge plug; set Owen casing patch over perfs
Completion	2023-2024	Pull middle bridge plug; set Owen casing patch over perfs
Completion	2059-2060	pull lower bridge plug; set Owen casing patch over perfs

## Additional Information

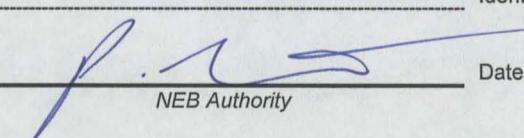
Recover pressure gauges left in hole. Record real time microseismic while hydraulic fracturing being undertaken on Mirror Lake P-20

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

Name	Greg Gersib	Telephone	(403) 5323527 Ext
Job Designation	VP Canada Exploration	E-Mail	greg.gersib@conocophillips.com
Operator	ConocoPhillips Canada		
Signature		Date	Sep 11, 2013
	Responsible Officer of Company		

NATIONAL ENERGY BOARD APPROVAL  
(Board Use Only)

This well approval is granted under section 13 of the *Canada Oil and Gas Drilling and Production Regulations* (SOR/2009-0315) and is subject to the terms and conditions attached to this approval and Operations Authorization No. OA-1211-002.

Job Designation	Chief Conservation Officer	Well Identifier	2079	Unique Well Identifier	300N206500126451
Signature		Date	28 November 2013		
	NEB Authority				