

APPROVAL TO DRILL A WELL
1013 SEP 16 P 3:04

APPLICATION

NEB/ONE

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 P-20		Operator	ConocoPhillips Canada Resources Corporation
Well Type	Exploratory Well		If Other Type, please specify	
NEB Operating Licence No.	1211		Operations Authorization No.	
Drilling Rig or Unit	Rig 2		Contractor	Beaver Drilling
Licence No.	Exploration Licence 470		Estimated Well Cost	\$23 mm to 28 mm
Station Keeping	Not Applicable		Land Structure	Conventional Land
Land Use Permit No.	SL13A-001	Issued by:	Sahtu Land and Water Board 2013	
Water Licence No.	SL13L1-004 Type B	Issued by:	Sahtu Land and Water Board 2013	
Location Unit	P	Section	20	Grid 65-00 126-45
Coordinates (NAD 27)	Surface	Lat	64 ° 59 ' 58.0 "	Long 126 ° 47 ' 8.7 "
	Bottom Hole	Lat	° ' 0.0 "	Long ° ' 0.0 "
Region	NWT Mainland			
Target Formation	Canol		Field/Pool	/
Well Path	Horizontal		Discovery Well	
Elevation KB/RT	289.3		Ground Level / Seafloor	283.3 m
Approximate Spud Date	Jan 28, 2014		Est. Days on Location	75 days
Anticipated Total Depth	3200 m KB			

EVALUATION PROGRAM

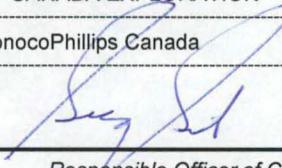
Sample Type	Top to Bottom Interval (m KB)	Sample Interval (m)	Comments
Drill Cuttings	20-3200	5.0	From top of surface hole to total well depth
Logs and Tests	20-600	Other	Cased Hole GR/Neutron
Logs and Tests	600 -1950	Other	Open Hole GR/Neutron/Resistivity
Logs and Tests	600 -2098	Other	MWD/GR
Logs and Tests	2098-3200	Other	MWD/GR, LWD Resistivity

CASING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)
508	78.45	Conductor	20
244.5	53.57	J-55	600
177.8	38.69	P-110	2098
114.3	17.26	P-110	1690 - 3200

Additional Information 114.3 mm tieback string will be run to surface after liner top clean out

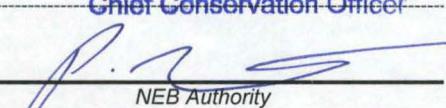
"I certify that the information provided on this form is true and correct"

Name	Greg Gersib	Telephone	(403) 532 Ext 3527
Job Designation	VP CANADA EXPLORATION	E-Mail	greg.gersib@conocophillips.com
Operator	ConocoPhillips Canada		
Signature		Date	Sept 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	2081	Unique Well Identifier	300P206500126450
Signature		Date	28 November 2013		
NEB Authority					