



## APPROVAL TO DRILL A WELL

## 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* 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 \$ 5 to 8 MM  
Station Keeping Not Applicable Land Structure Conventional Land  
Land Use Permit No. S12A-005 Issued by: Sahtu Land and Water Board  
Water Licence No. S12L1-005 Type B Issued by: Sahtu Land and Water Board  
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 64 ° 59 ' 58.0 " Long 126 ° 47 ' 8.7 "  
Region NWT Mainland  
Target Formation Canol Field/Pool /  
Well Path Vertical Discovery Well \_\_\_\_\_  
Elevation KB/RT 289.3 Ground Level / Seafloor 283.3 m  
Approximate Spud Date Mar 15, 2013 Est. Days on Location 10 days  
Anticipated Total Depth 600 m KB

## EVALUATION PROGRAM

Sample Type	Top to Bottom Interval (m KB)	Sample Interval (m)	Comments
Drill Cuttings	20-600	5.0	From top of surface hole to total well depth
Logs and Tests	20-600	Other	AIT, Dual TLD, HGNS, GR, DSI, GPIT
Select	-	Select	
Select	-	Select	
Select	-	Select	

## 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

Additional Information \_\_\_\_\_

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

Name Greg Gersib Telephone 1 (403) 532-3527  
Job Designation VP CANADA EXPLORATION E-Mail greg.gersib@conocophillips.com  
Operator ConocoPhillips Canada  
Signature  Date DEC 4, 2012  
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-1211-001

Job Designation Chief Conservation Officer Well Identifier 2081 Unique Well Identifier 300 P206500 126450  
Signature  Date 11 January 2013  
NEB Authority

NATIONAL ENERGY BOARD  
Exploration and Production

DEC 07 2012

Canada