

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 <u>Microshale</u> 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 Greg Gersib 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 J. G. Gersib Date 11 January 2013
 NEB Authority

NATIONAL ENERGY BOARD
Exploration and Production

DEC 07 2012

Canada