



File: WID #2079; 2080
28 November 2013

Greg A. Gersib
Vice-President
Canada Exploration
ConocoPhillips Canada Resources Corp.
401 – 9th Avenue SW
Calgary, AB T2P 2H7

Dear Mr. Gersib:

ConocoPhillips Canada Resources Corp. (ConocoPhillips) Approval to Alter Condition of a Well (ACW):

- **COPRC Mirror Lake N-20 (WID 2079)**
- **COPRC Loon Creek O-06 (WID 2080)**

ConocoPhillips is hereby granted approval to complete the above referenced wells. Please find the attached ACW forms for the proposed work and note that the approvals are subject to the terms and conditions provided on the attachment. In addition, the well approvals are granted under Operations Authorization OA-1211-002 and are subject to the terms and conditions of that OA.

Any change or deviation from the approved program will require the additional specific approval of the Chief Conservation Officer.

These oil and gas activities are subject to the *Canada Oil and Gas Drilling and Production Regulations*, the *Canada Labour Code, Part II* and the *Oil and Gas Occupational Safety and Health Regulations*.

If you have any questions, please contact Abul Kabir at 403-292-5048 or abul.kabir@neb-one.gc.ca.

Yours truly,

Patrick Smyth
Chief Conservation Officer

Attachment
Well Approval Terms and Conditions for:
ACWs: COPRC Mirror Lake N-20 and COPRC Loon Creek O-06

1. A copy of the *Canada Oil and Gas Drilling and Production Regulations*, the *Canada Labour Code Part II* and the *Oil and Gas Occupational Safety and Health Regulations* are to be kept at the well site and shall be made available on request by any person at the well site.
2. ConocoPhillips shall submit daily reports to dailyreports@neb-one.gc.ca.
3. ConocoPhillips shall report by March 31 of each year on the results of its monitoring and annual inspection of each suspended well.
4. ConocoPhillips shall, inform the Board of any key personnel and field personnel updates to the contact list as they become available or are changed.
5. ConocoPhillips shall submit summary of the certificates of critical equipment including drilling rigs, service rigs, fracturing stimulation equipment, boilers and coil tubing units before commencing the activities.
6. ConocoPhillips shall submit two paper copies and one electronic version (on CD/DVD, in PDF format) of all data for the "Well Operations Report" within 30 days of the rig release date. ConocoPhillips shall submit one LAS copy of final log prints on compact disc. ConocoPhillips is to ensure compact discs are maximized and submitted with the report.

MAIL ROOM
SALLE DE COURIER

2013 SEP 16 P 3:04

NEB/DNE

APPROVAL TO ALTER CONDITION OF 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 N-20		
Well Identifier	2079	Operations Authorization No.	OA1211-001
Operator	ConocoPhillips Canada Resources	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 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	11/2/14	Est. Days on Location	30 days

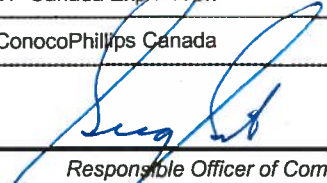
WELL OPERATION PROGRAM

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	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	2079	Unique Well Identifier	300N206500126451
Signature		Date	28 November 2013		
	NEB Authority				



2013 SEP 16 P 3:04

APPROVAL TO ALTER CONDITION OF 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 Loon Creek O-06		
Well Identifier	2080	Operations Authorization No.	OA1211-001
Operator	ConocoPhillips Canada Resources Corp.	Current Depth	1856m 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
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 O	Section 06	Grid 65-10 127-00
Coordinates (NAD 27)	Surface	Lat 65 ° 05 ' 51.5 "	Long 127 ° 00 ' 30.7 "
	Bottom Hole	Lat 65 ° 05 ' 51.5 "	Long 127 ° 00 ' 30.7 "
Ground Level / Seafloor	252.4 m	Elevation KB/RT	258.4 m
Approximate Date of Commencement	6-Jan-14	Est. Days on Location	32 days

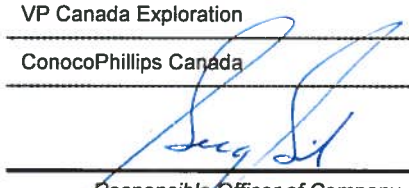
WELL OPERATION PROGRAM

Activity Type	Top to Bottom Interval (m KB)	Comments
Re-entry	0-1856	Microseismic survey to be undertaken ,
Other	0-1856	Wireline logs: USIT; IBC/CNL/DSI/CCL/GR; ROKE Sound Hound noise log
Select	-	
Select	-	
Select	-	

Additional Information

Record microseismic while hydraulic fracturing being undertaken on Dodo Canyon E-76

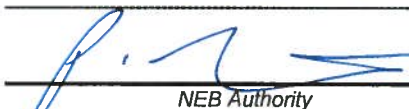
"I certify that the information provided on this form is true and correct"

Name	Greg Gersib	Telephone	(403) 5323527 Ext
Job Designation	VP Canada Exploration	E-Mail	greg.gersib@conocophillips.com
Operator	ConocoPhillips Canada		
Signature		Date	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	2080	Unique Well Identifier	3000066510127001
Signature		Date	28 November 2013		
	NEB Authority				