

FORM  
2

Rev  
12/05

# State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400366141

Date Received:

01/11/2013

## APPLICATION FOR PERMIT TO:

1.  Drill,  Deepen,  Re-enter,  Recomplete and Operate

### 2. TYPE OF WELL

OIL  GAS  COALBED  OTHER \_\_\_\_\_  
SINGLE ZONE  MULTIPLE  COMMINGLE

Refiling

Sidetrack

PluggingBond SuretyID

20100017

3. Name of Operator: ENCANA OIL & GAS (USA) INC

4. COGCC Operator Number: 100185

5. Address: 370 17TH ST STE 1700

City: DENVER State: CO Zip: 80202-5632

6. Contact Name: Erin Hochstetler Phone: (720)876-5827 Fax: ()

Email: erin.hochstetler@encana.com

7. Well Name: Bohrer Trust Well Number: 21-19

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 7841

## WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 19 Twp: 3N Rng: 68W Meridian: 6

Latitude: 40.217690 Longitude: -105.053050

Footage at Surface: \_\_\_\_\_ feet FNL \_\_\_\_\_ feet FNL \_\_\_\_\_ feet FNL  
\_\_\_\_\_ feet FNL \_\_\_\_\_ feet FNL \_\_\_\_\_ feet FNL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5084 13. County: WELD

### 14. GPS Data:

Date of Measurement: 05/02/2012 PDOP Reading: 1.7 Instrument Operator's Name: RICE

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: \_\_\_\_\_ feet FNL \_\_\_\_\_ feet FNL \_\_\_\_\_ feet FNL  
\_\_\_\_\_ feet FNL \_\_\_\_\_ feet FNL \_\_\_\_\_ feet FNL  
Sec: 19 Twp: 3N Rng: 68W Sec: 19 Twp: 3N Rng: 68W

16. Is location in a high density area? (Rule 603b)?  Yes  No

17. Distance to the nearest building, public road, above ground utility or railroad: 263 ft

18. Distance to nearest property line: 10 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 3572 ft

## 20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
CODELL	CODL	407-87	80	N/2NW/4
J SAND	JSND	232	320	N/2
NIOBRARA	NBRR	407-87	80	N/2NW/4

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: \_\_\_\_\_

22. Surface Ownership:  Fee  State  Federal  Indian

23. Is the Surface Owner also the Mineral Owner?  Yes  No Surface Surety ID#:

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease?  Yes  No

23b. If 23 is No:  Surface Owners Agreement Attached or  \$25,000 Blanket Surface Bond  \$2,000 Surface Bond  \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):  
 T3N R68W Sec 19 Lots A and B of Recorded Exemption No. 1207-19-2-RE2895, Lots A and B of Recorded Exemption No. 1207-19-2-RE2896 both in the N/2NW/4. See attached lease map.

25. Distance to Nearest Mineral Lease Line: 607 ft 26. Total Acres in Lease: 101

### DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated?  Yes  No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling?  Yes  No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling?  Yes  No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)?  Yes  No

31. Mud disposal:  Offsite  Onsite **If 28, 29, or 30 are "Yes" a pit permit may be required.**

Method:  Land Farming  Land Spreading  Disposal Facility Other: \_\_\_\_\_

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	450	180	450	0
1ST	7+7/8	4+1/2	11.6	0	7,841	180	7,841	6,776

32. BOP Equipment Type:  Annular Preventer  Double Ram  Rotating Head  None

33. Comments No conductor casing will be utilized. Encana requests the approval of a 318A(l).a.(1) and 603.a(2) exception location as the well head is to be located outside of a GWA drilling window and closer than 150' to a property line. Request letter and waivers attached.

34. Location ID: \_\_\_\_\_

35. Is this application in a Comprehensive Drilling Plan ?  Yes  No

36. Is this application part of submitted Oil and Gas Location Assessment ?  Yes  No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Erin Hochstetler

Title: Permitting Technician Date: 1/11/2013 Email: erin.hochstetler@encana.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved:  Director of COGCC Date: 2/22/2013

API NUMBER
05 123 36861 00

Permit Number: \_\_\_\_\_ Expiration Date: 2/21/2015

#### CONDITIONS OF APPROVAL, IF ANY:

**All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.**

- 1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Operator must meet water well testing requirements per Rule 318A.

### Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

### Attachment Check List

Att Doc Num	Name
400366141	FORM 2 SUBMITTED
400367150	WELL LOCATION PLAT
400367157	MINERAL LEASE MAP
400367162	30 DAY NOTICE LETTER
400367167	DEVIATED DRILLING PLAN
400367172	EXCEPTION LOC WAIVERS
400367174	DIRECTIONAL DATA
400368459	WAIVERS
400368461	EXCEPTION LOC REQUEST

Total Attach: 9 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	distance to mineral lease line should be 607'.	2/22/2013 8:44:11 AM
Final Review	ON HOLD - lease information errors	2/19/2013 2:45:55 PM
Permit	Final Review Completed. No LGD or public comment received.	2/12/2013 3:54:25 PM
Permit	Per operator Use Spacing order 407-87, Formation: Niobrara-Codell, Unit Acreage: 80, Legal Description: N/2NW/4. ok to pass.	1/24/2013 11:16:32 AM
Permit	ON HOLD: requesting correction to spacing unit acreage/configuration for NB-CD.	1/23/2013 3:19:42 PM
Permit	Operator requests approval of a Rule 603.a.(2) exception location: Wellhead is to be located less than 150' from a property line. Request letter and waivers attached.	1/23/2013 3:19:11 PM
Permit	Operator requests approval of a Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Request and Waiver attached.	1/23/2013 3:19:10 PM

Total: 7 comment(s)

### BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)