

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:

400318526

Date Received:

08/21/2012

PluggingBond SuretyID

20100017

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 ☐

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: JENNIFER LIND Phone: (720)876-5890 Fax: (720)876-6890

Email: JENNIFER.LIND@ENCANA.COM

7. Well Name: CALDWELL Well Number: 4-6-26

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

9. Proposed Total Measured Depth: 8422

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 26 Twp: 2N Rng: 69W Meridian: 6

Latitude: 40.106040 Longitude: -105.078050

Footage at Surface: 994 feet FNL/FSL 1054 feet FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5068 13. County: BOULDER

14. GPS Data:

Date of Measurement: 05/14/2012 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: FNL/FSL 1263 FSL 2608 FEL 1263 FSL 2608 FEL 1263 FSL 2608 FEL 1263  
Sec: 26 Twp: 2N Rng: 69W Sec: 26 Twp: 2N Rng: 69W

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: 884 ft

18. Distance to nearest property line: 667 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1080 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           |                         | 160                           | GWA                                  |
| J SAND                 | JSND           |                         | 160                           | GWA                                  |
| NIOBRARA               | NBRR           |                         | 160                           | GWA                                  |

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):  
T2N-R69W-SEC. 25: SW/4; SEC. 26: SE/4

25. Distance to Nearest Mineral Lease Line: 31 ft 26. Total Acres in Lease: 320

### 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             | 750           | 290       | 750     | 0       |
| 1ST         | 7+7/8        | 4+1/2          | 11.6       | 0             | 8,422         | 170       | 8,422   | 7,442   |
|             |              |                | Stage Tool |               | 5,333         | 150       | 5,333   | 4,319   |

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

33. Comments THE SURFACE LOCATION OF THE CALDWELL 4-6-26 IS MOVING OUT OF THE ORIGINALLY PERMITTED QUATER SECTION, THEREFORE A NEW FORM 2 IS REQUIRED. ENCANA REQUESTS THE OMISSION OF OPEN HOLE LOGS ON THIS WELL, REQUEST LETTER ATTACHED. PROPOSED SPACING UNIT IS T2N-R69W-Sec. 26: W/2SE/4 & E/2SW/4.

34. Location ID: 321300

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: JENNIFER LIND

Title: REGUALTORY ANALYST Date: 8/21/2012 Email: JENNIFER.LIND@ENCANA.

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: \_\_\_\_\_

#### API NUMBER

05 013 06563 00

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

#### 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.**

\_\_\_\_\_

### Attachment Check List

| Att Doc Num | Name                   |
|-------------|------------------------|
| 400318526   | FORM 2 SUBMITTED       |
| 400318571   | WELL LOCATION PLAT     |
| 400318670   | 30 DAY NOTICE LETTER   |
| 400318671   | TOPO MAP               |
| 400318673   | PROPOSED SPACING UNIT  |
| 400318674   | OTHER                  |
| 400318675   | DEVIATED DRILLING PLAN |
| 400318676   | DIRECTIONAL DATA       |
| 400318678   | MINERAL LEASE MAP      |

Total Attach: 9 Files

### General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
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Total: 0 comment(s)

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