

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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| DE | ET | OE | ES |
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APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

 OIL ☐ GAS ☒ COALBED ☐ OTHER _____
 SINGLE ZONE ☐ MULTIPLE ZONE ☒ COMMINGLE ZONE ☒

 Refiling ☐
 Sidetrack ☐

Document Number:

400144572

Plugging Bond Surety

20100017

3. Name of Operator: ENCANA OIL & GAS (USA) INC 4. COGCC Operator Number: 1001855. Address: 370 17TH ST STE 1700City: DENVER State: CO Zip: 80202-56326. Contact Name: JENNIFER LIND Phone: (720)876-5890 Fax: (720)876-6890Email: JENNIFER.LIND@ENCANA.COM7. Well Name: PURITAN Well Number: 6-4-34

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 8364

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 34 Twp: 2N Rng: 68W Meridian: 6Latitude: 40.093150 Longitude: -104.987370
 Footage at Surface: 1997 feet FNL/FSL FSL 2093 feet FEL/FWL FEL
11. Field Name: WATTENBERG Field Number: 9075012. Ground Elevation: 5001 13. County: WELD

14. GPS Data:

Date of Measurement: 01/14/2011 PDOP Reading: 2.4 Instrument Operator's Name: CRAIG BURKE15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 2608 FNL 1350 FEL 2608 FNL 1350 FEL 2608 FNL 1350 FEL 2608
 Bottom Hole: FNL/FSL 2608 FNL 1350 FEL 2608 FNL 1350 FEL 2608
 Sec: 34 Twp: 2N Rng: 68W Sec: 34 Twp: 2N Rng: 68W
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 881 ft18. Distance to nearest property line: 213 ft 19. Distance to nearest well permitted/completed in the same formation: 955 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 | 320 | E/2 |
| J SAND | JSND | 232 | 320 | E/2 |
| NIOBRARA | NBRR | 407 | 320 | E/2 |

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 Bon ☐ \$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-R68W-SEC.34: E/2

25. Distance to Nearest Mineral Lease Line: 1304 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

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.

If 28, 29, or 30 are "Yes" a pit permit may be required.

| 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 | 650 | 280 | 650 | 0 |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 0 | 8,364 | 280 | 8,364 | 7,277 |

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

33. Comments NO CONDUCTOR CASING WILL BE UTILIZED.

34. Location ID: 336332

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: REGULATORY ANALYST Date: 3/24/2011 Email: JENNIFER.LIND@ENCANA.C

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: David S. Neslin Director of COGCC Date: 4/22/2011

API NUMBER

05 123 33409 00

Permit Number: _____ Expiration Date: 4/21/2013

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) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Shannon to 200' above Sussex. 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.

Attachment Check List

| Att Doc Num | Name |
|-------------|------------------------|
| 400144572 | FORM 2 SUBMITTED |
| 400146269 | WELL LOCATION PLAT |
| 400146270 | DEVIATED DRILLING PLAN |
| 400146272 | EXCEPTION LOC WAIVERS |
| 400146278 | PROPOSED SPACING UNIT |
| 400146279 | EXCEPTION LOC REQUEST |
| 400146281 | 30 DAY NOTICE LETTER |
| 400146284 | SURFACE AGRMT/SURETY |
| 400146286 | TOPO MAP |
| 400146481 | MINERAL LEASE MAP |

Total Attach: 10 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|--|----------------------------|
| Permit | Opr corrected. sf | 3/28/2011 11:47:11 AM |
| Permit | Back to Draft for casing information; set conductor csg? JLV | 3/25/2011 12:36:55 PM |

Total: 2 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|--------------------|-----------------------|
| | |

Total: 0 comment(s)