

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:

400404275

Date Received:

04/26/2013

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: Bonnie Lamond Phone: (720)876-5156 Fax: (720)876-6177

Email: bonnie.lamond@encana.com

7. Well Name: Drieth Well Number: 1B-6H-A368

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

9. Proposed Total Measured Depth: 11655

WELL LOCATION INFORMATION

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

Latitude: 40.260160 Longitude: -105.038150

Footage at Surface: 686 feet FNL/FSL FNL 434 feet FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 5087 13. County: WELD

14. GPS Data:

Date of Measurement: 04/01/2013 PDOP Reading: 1.7 Instrument Operator's Name: John Rice

15. If well is ☐ Directional ☒ Horizontal (highly deviated) submit deviated drilling plan.Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL
475 FNL 753 FEL 400 FNL 460 FWL
Sec: 6 Twp: 3N Rng: 68W Sec: 6 Twp: 3N Rng: 68W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 420 ft

18. Distance to nearest property line: 145 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 125 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 | GWA | 320 | |

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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 ☐ No23b. 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):

Entire bottom hole location lease description: T3N R68W Sec 6: NE/4, N/2SE/4. Horizontal wellbore crosses lease lines within drilling and spacing unit. Mineral lease map attached.

25. Distance to Nearest Mineral Lease Line: 0 ft

26. Total Acres in Lease: 240

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 |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| CONDUCTOR | 22 | 16 | 30# | 0 | 80 | 80 | 80 | 0 |
| SURF | 12+1/4 | 9+5/8 | 40# | 0 | 800 | 100 | 800 | 0 |
| 1ST | 8+3/4 | 7 | 26# | 0 | 7,704 | 436 | 7,704 | 500 |
| 2ND | 6+1/8 | 4+1/2 | 13.5# | 0 | 11,655 | 163 | 11,655 | 7,404 |

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

33. Comments The subject well is closest to a public road, 420 feet away. Proposed unit configuration: T4N R68W Section 31: S/2S/2, T3N R68W Section 6: N/2N/2. Encana Oil & Gas (USA) Inc. requests the approval of a 318A(l).a.(1) exception location as the well head is to be located outside of a GWA drilling window. Encana Oil & Gas (USA) Inc. requests the approval of a 603.a(2) exception location, waiver and letter attached. Encana Oil & Gas (USA) Inc. requests a variance to Rule 318A.m as the subject well is 125' from an existing Encana well, Breakneck Properties 21-6. Encana Oil & Gas (USA) Inc. also requests the approval of the omission of open-hole logs. Request letters and waivers attached. Equipment will be located on the facilities pad, document #400417504.

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: Bonnie Lamond

Title: Permitting Technician Date: 4/26/2013 Email: bonnie.lamond@encana.com

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

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.

Data retrieval failed for the subreport 'IntPolicy_NTO' located at: W:\Inetpub\Net\Report\policy_nto.rdl. Please check th

Attachment Check List

| Att Doc Num | Name |
|-------------|------------------------|
| 400404275 | FORM 2 SUBMITTED |
| 400417533 | SURFACE AGRMT/SURETY |
| 400417535 | 30 DAY NOTICE LETTER |
| 400417537 | EXCEPTION LOC REQUEST |
| 400417538 | EXCEPTION LOC REQUEST |
| 400417540 | OTHER |
| 400417542 | VARIANCE REQUEST |
| 400417543 | WELL LOCATION PLAT |
| 400417544 | EXCEPTION LOC WAIVERS |
| 400417545 | PROPOSED SPACING UNIT |
| 400417547 | DEVIATED DRILLING PLAN |
| 400417551 | DIRECTIONAL DATA |
| 400417555 | OFFSET WELL EVALUATION |
| 400417612 | MINERAL LEASE MAP |

Total Attach: 14 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|---|----------------------------|
| Permit | Sent back to draft at operator request. | 4/26/2013 2:17:05 PM |

Total: 1 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|--------------------------------|--|
| Drilling/Completion Operations | Prior to drilling operations, Operator will perform an anti-collision scan of existing offset wells that have the potential of being within close proximity of the proposed well. This anti-collision scan will include definitive MWD or gyro surveys of the offset wells with included error of uncertainty per survey instrument, and compared against the proposed well path with its respective error of uncertainty. If current surveys do not exist for the offset wells, Operator may have gyro surveys conducted to verify bottomhole location. The proposed well will only be drilled if the anti-collision scan results indicate that there is not a risk for collision, or harm to people or the environment. For the proposed well, upon conclusion of drilling operations, an as-constructed gyro survey will be submitted to COGCC with the Form 5. |
| Drilling/Completion Operations | Encana will comply with the "COGCC Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area", dated May 29, 2012. |

Total: 2 comment(s)