

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:

400348460

Date Received:

12/28/2012

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: Erin Hochstetler Phone: (720)876-5827 Fax: ()

Email: erin.hochstetler@encana.com

7. Well Name: MATHEWS Well Number: 4E-14H

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

9. Proposed Total Measured Depth: 11938

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 14 Twp: 1N Rng: 66W Meridian: 6

Latitude: 40.045290 Longitude: -104.737350

Footage at Surface: 471 feet FNL/FSL FSL 669 feet FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5104 13. County: WELD

14. GPS Data:

Date of Measurement: 12/11/2012 PDOP Reading: 1.9 Instrument Operator's Name: John McGehee

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

Footage at Top of Prod Zone: FNL/FSL 747 FSL 879 FEL 879 Bottom Hole: FNL/FSL 460 FNL 900 FEL 900
Sec: 14 Twp: 1N Rng: 66W Sec: 14 Twp: 1N Rng: 66W

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: 439 ft

18. Distance to nearest property line: 471 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 110 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| NIOBRARA | NBRR | 407 | 480 | |

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#: 20090011

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):
 T1N-R66W: Section 14: All Roy C. Mathews et ux 17394.000

25. Distance to Nearest Mineral Lease Line: 460 ft 26. Total Acres in Lease: 5737

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 | 1,292 | 162 | 1,292 | 0 |
| 1ST | 8+3/4 | 7 | 26 | 0 | 7,851 | 445 | 7,851 | 992 |
| 2ND | 6+1/8 | 4+1/2 | 13.5 | 0 | 11,938 | 168 | 11,938 | 7,551 |

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

33. Comments Proposed spacing unit is T1N, R66W, Section 14: E/2

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: 12/28/2012 Email: erin.hochstetler@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 Permit Number: _____ Expiration Date: _____

05 **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_NTC' located at: W:\Inetpub\NetReports\policy_ntc.rdl. Please check th

Attachment Check List

| Att Doc Num | Name |
|-------------|------------------------|
| 400348460 | FORM 2 SUBMITTED |
| 400362564 | DEVIATED DRILLING PLAN |
| 400362566 | MINERAL LEASE MAP |
| 400362619 | DIRECTIONAL DATA |
| 400362690 | PROPOSED SPACING UNIT |
| 400362736 | WELL LOCATION PLAT |
| 400364409 | 30 DAY NOTICE LETTER |
| 400364415 | EXCEPTION LOC REQUEST |

Total Attach: 8 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|-----------------------|----------------------------|
| | | |

Total: 0 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 wellpath 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)