

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:

400287254

Date Received:

05/22/2012

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: MANN Well Number: 33-26

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

9. Proposed Total Measured Depth: 8728

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 26 Twp: 1N Rng: 68W Meridian: 6

Latitude: 40.017680 Longitude: -104.964850

Footage at Surface: 1016 feet FSL 966 feet FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 5170 13. County: BROOMFIELD

14. GPS Data:

Date of Measurement: 03/15/2010 PDOP Reading: 2.6 Instrument Operator's Name: Craig Burke

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 _____
2134 FSL 1980 FEL 2134 FSL 1980 FEL
Sec: 26 Twp: 1N Rng: 68W Sec: 26 Twp: 1N 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: 579 ft

18. Distance to nearest property line: 347 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1063 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 | 499-15 | 320 | S/2 |
| J SAND | JSND | 499-15 | 320 | S/2 |
| NIOBRARA | NBRR | 499-15 | 320 | S/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 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):

W2SE OF SECTION 26, T1N, R68W

25. Distance to Nearest Mineral Lease Line: 660 ft 26. Total Acres in Lease: 80

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 | 1,180 | 510 | 1,180 | 0 |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 0 | 8,728 | 320 | 8,728 | 7,492 |

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

33. Comments No conductor casing will be used. This well was never drilled therefore nothing has changed and the original 2A is still relevant.

34. Location ID: 321530

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: 5/22/2012 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: 6/14/2012

API NUMBER
05 014 20705 00

Permit Number: _____ Expiration Date: 6/13/2014

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 end of 7" casing 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 |
|-------------|------------------------|
| 400287254 | FORM 2 SUBMITTED |
| 400287490 | DEVIATED DRILLING PLAN |
| 400287491 | WELL LOCATION PLAT |
| 400287495 | LEASE MAP |
| 400287497 | TOPO MAP |
| 400287505 | 30 DAY NOTICE LETTER |
| 400287508 | DIRECTIONAL DATA |
| 400287787 | SURFACE AGRMT/SURETY |

Total Attach: 8 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|--------------------------|
| Permit | Final Review Completed. No LGD or public comment received. | 6/13/2012 9:10:33 AM |
| Permit | ok to pass. | 5/25/2012 10:43:16 AM |
| Permit | If location not built by 2A expiration 06/22/2013, Refile Form 2A must be approved prior to construction. | 5/25/2012 9:33:39 AM |
| Permit | Operator corrected 22b. This form has passed completeness. | 5/23/2012 9:31:15 AM |
| Permit | Returned to draft at operators request. | 5/23/2012 6:32:22 AM |
| Permit | Returned to draft. 22b is invalid. | 5/22/2012 1:32:47 PM |

Total: 6 comment(s)

BMP

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

Total: 0 comment(s)