

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



DE ET OE ES

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:
2583964
Plugging Bond Surety
20100017

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: JEVIN CROTEAU Phone: (720)876-5339 Fax: (720)876-6339
Email: JEVIN.CROTEAU@ENCANA.COM

7. Well Name: RASMUSSEN Well Number: 2-8-19

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

9. Proposed Total Measured Depth: 8221

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 19 Twp: 2N Rng: 68W Meridian: 6
Latitude: 40.119340 Longitude: -105.051710

Footage at Surface: 1000 FSL 1034 FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5000 13. County: WELD

14. GPS Data:

Date of Measurement: 04/08/2010 PDOP Reading: 1.3 Instrument Operator's Name: TOM WINANS

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
100 FSL 1320 FWL 100 FSL 1320 FWL
Sec: 19 Twp: 2N Rng: 68W Sec: 19 Twp: 2N 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: 374 ft

18. Distance to nearest property line: 688 ft 19. Distance to nearest well permitted/completed in the same formation: 849 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 | 160 | GWA |
| J SAND | JSND | 232-23 | 160 | GWA |
| NIOBRARA | NBRR | 407 | 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 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):
 SW OF SECTION 19, T2N, R68W

25. Distance to Nearest Mineral Lease Line: 100 ft 26. Total Acres in Lease: 160

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? Yes No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

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.

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bottom | Cement Top |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| SURF | 12+1/4 | 8+5/8 | 24 | 750 | 320 | 750 | 0 |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 8,221 | 290 | 8,221 | 7,125 |

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

33. Comments NO CONDUCTOR CASING WILL BE USED. PROPOSED GWA UNIT CONFIGURATION FOR NB-CD & J-SAND: Sec 19: S2SW & Sec 30: N2NW ;

34. Location ID: 322976

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: JEVIN CROTEAU

Title: REGULATORY Date: 8/25/2010 Email: JEVIN.CROTEAU@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: 9/23/2010

| |
|-------------------|
| API NUMBER |
| 05 123 32258 00 |

Permit Number: _____ Expiration Date: 9/22/2012

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 | Doc Description |
|-------------|------------------------|--------------------|
| 2583964 | APD ORIGINAL | LF@2530154 2583964 |
| 2583965 | WELL LOCATION PLAT | LF@2530155 2583965 |
| 2583966 | TOPO MAP | LF@2531183 2583966 |
| 2583967 | LEASE MAP | LF@2531184 2583967 |
| 2583968 | SURFACE AGRMT/SURETY | LF@2530156 2583968 |
| 2583969 | 30 DAY NOTICE LETTER | LF@2530157 2583969 |
| 2583970 | DEVIATED DRILLING PLAN | LF@2530158 2583970 |
| 2583971 | EXCEPTION LOC REQUEST | LF@2530159 2583971 |

Total Attach: 8 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|-------------------------|
| Permit | changed question 22b. from SUA to Oil and Gas lease with operator approval | 8/27/2010 4:15:23 PM |

Total: 1 comment(s)

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