

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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## 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:

2096473

Plugging Bond Surety

3. Name of Operator: ENCANA OIL &amp; 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: IONE Well Number: 4-4-2

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

9. Proposed Total Measured Depth: 8548

## WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 2 Twp: 2N Rng: 66W Meridian: 6

Latitude: 40.162410 Longitude: -104.749940

 Footage at Surface: 876 FNL/FSL 1077 FEL/FWL  
 FSL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5047 13. County: WELD

## 14. GPS Data:

Date of Measurement: 02/04/2010 PDOP Reading: 2.3 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  
 2635 FSL 2570 FWL 2635 FSL 2570 FWL  
 Sec: 2 Twp: 2N Rng: 66W Sec: 2 Twp: 2N 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: 4037 ft

18. Distance to nearest property line: 876 ft 19. Distance to nearest well permitted/completed in the same formation: 870 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	SENW SWNE
J SAND	JSND	232-23	160	SENW SWNE
NIOBRARA	NBRR	407	160	SENW, SWNE

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):  
ALLOF SEC. 2, S2 OF SEC. 4, NE OF SEC. 8 & E2 OF SEC. 10, T2N, R66W

25. Distance to Nearest Mineral Lease Line: 2570 ft 26. Total Acres in Lease: 1680

### 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	800	350	800	0
1ST	7+7/8	4+1/2	11.6	8,548	280	8,548	7,494

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

33. Comments NO CONDUCTOR CASING WILL BE USED,

34. Location ID: 317637

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: 2/22/2010 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: \_\_\_\_\_ 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.

**Attachment Check List**

Att Doc Num	Name	Doc Description
2096473	APD ORIGINAL	LF@2423765 2096473
2096495	WELL LOCATION PLAT	LF@2423766 2096495
2096496	TOPO MAP	LF@2423767 2096496
2096497	MINERAL LEASE MAP	LF@2423823 2096497
2096498	SURFACE AGRMT/SURETY	LF@2423768 2096498
2096499	30 DAY NOTICE LETTER	LF@2423769 2096499
2096500	DEVIATED DRILLING PLAN	LF@2423770 2096500
2096501	PROPOSED SPACING UNIT	LF@2423771 2096501

Total Attach: 8 Files