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Document Number:  
400254978

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: IONE Well Number: 4-0-2  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 8388

**WELL LOCATION INFORMATION**

10. QtrQtr: SENW Sec: 2 Twp: 2N Rng: 66W Meridian: 6  
 Latitude: 40.170460 Longitude: -104.748970  
 Footage at Surface: 1472 feet FNL 1342 feet FWL  
 11. Field Name: WATTENBERG Field Number: 90750  
 12. Ground Elevation: 5051 13. County: WELD

14. GPS Data:  
 Date of Measurement: 07/14/2010 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 \_\_\_\_\_  
50 FNL 2550 FWL 50 FNL 2550 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: 1971 ft  
 18. Distance to nearest property line: 1159 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 736 ft

**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 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):  
 ALL OF SEC 2, S2 OF SEC 4, NE OF SEC 8 & E2 OF SEC 10, T2N, R66W

25. Distance to Nearest Mineral Lease Line: 50 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 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	800	350	800	0
1ST	7+7/8	4+1/2	11.6	0	8,388	280	8,388	7,340

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

33. Comments NO CONDUCTOR CASING WILL BE USED. (PROPOSED SPACING UNIT SEC 35 3N 66W: SESW & SWSE; SEC 2 2N 66W: NENW & NWNE)

34. Location ID: 416456

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: 2/28/2012 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: \_\_\_\_\_

<b>API NUMBER</b>
05 123 31465 00

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
400254978	FORM 2 SUBMITTED
400255061	PROPOSED SPACING UNIT
400255062	DEVIATED DRILLING PLAN
400255063	WELL LOCATION PLAT
400255064	MINERAL LEASE MAP
400255065	TOPO MAP
400255067	30 DAY NOTICE LETTER
400255069	SURFACE AGRMT/SURETY
400255070	DIRECTIONAL DATA

Total Attach: 9 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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Total: 0 comment(s)

### BMP

<u>Type</u>	<u>Comment</u>
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Total: 0 comment(s)