

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



Document Number:

400254978

Date Received:

02/28/2012

## 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

PluggingBond SuretyID

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: 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

## 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 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)The wells have not yet been drilled (so the pad has not been constructed). Everything on the current form 2A is relevant, and will not change.

34. Location ID: 416456

35. Is this application in a Comprehensive Drilling Plan ?  Yes  No

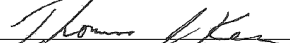
36. Is this application part of submitted Oil and Gas Location Assessment ?  Yes  No

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: 3/23/2012

API NUMBER Permit Number: \_\_\_\_\_ Expiration Date: 3/22/2014

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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.**

Operator must meet Water Well Testing requirements as per amended Rule 318A.

- 1) Provide 48 hour notice of MIRU to Mike Hickey via e-mail at mike.hickey@state.co.us or via an electronic Form 42.
- 2) Comply with Rule 317.i and provide cement coverage from the end of the production casing to a minimum of 200' above the Niobrara. Verify coverage with a cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from the TD to surface. 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
2481458	SURFACE CASING CHECK
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: 10 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final review complete.	3/20/2012 8:10:51 AM
Permit	Operator corrected location number. This form has passed completeness.	2/29/2012 6:58:43 AM
Permit	Returned to draft. Incorrect location number.	2/28/2012 2:09:40 PM

Total: 3 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>

Total: 0 comment(s)