

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:

400272622

Date Received:

04/17/2012

## 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: Jevin Croteau Phone: (720)876-5339 Fax: (720)876-6339

Email: jevin.croteau@encana.com

7. Well Name: Diane Well Number: 8-6-28

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

9. Proposed Total Measured Depth: 8264

## WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 28 Twp: 2N Rng: 66W Meridian: 6

Latitude: 40.105220 Longitude: -104.778420

Footage at Surface: 1226 feet FSL 1583 feet FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4970 13. County: WELD

### 14. GPS Data:

Date of Measurement: 10/07/2011 PDOP Reading: 1.6 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 \_\_\_\_\_  
1450 FSL 50 FEL 1450 FSL 50 FEL  
Sec: 28 Twp: 2N Rng: 66W Sec: 28 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: 587 ft

18. Distance to nearest property line: 100 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 671 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	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):

N2SE & S2NE of Section 28, T2N, R66W. E2SE, 28 & W2SW, 27

25. Distance to Nearest Mineral Lease Line: 50 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 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	950	390	950	0
1ST	7+7/8	4+1/2	11.6	0	8,264	190	8,264	7,100
			Stage Tool		5,200	100	5,200	4,500

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

33. Comments No conductor casing will be used. Unit Configuration: E2SE Sec 28; W2SW Sec 27

34. Location ID: 318820

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

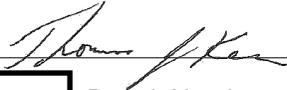
I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Jevin Croteau

Title: Regulatory Analyst Date: 4/17/2012 Email: jevin.croteau@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: 5/18/2012

**API NUMBER**  
05 123 35602 00

Permit Number: \_\_\_\_\_ Expiration Date: 5/17/2014

**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) Provide 48 hour notice of MIRU 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 and from 200' below Sussex to 200' above Sussex. 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
2481548	SURFACE CASING CHECK
400272622	FORM 2 SUBMITTED
400272648	WELL LOCATION PLAT
400272804	TOPO MAP
400272806	SURFACE AGRMT/SURETY
400272808	30 DAY NOTICE LETTER
400272817	30 DAY NOTICE LETTER
400272820	DEVIATED DRILLING PLAN
400272821	EXCEPTION LOC REQUEST
400272824	EXCEPTION LOC REQUEST
400272826	PROPOSED SPACING UNIT
400273235	OTHER
400273241	DIRECTIONAL DATA

Total Attach: 13 Files

### General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed. No LGD or public comment received.	5/14/2012 11:09:34 AM
Permit	Operator requests approval of a Rule 318Aa and Rule 318Ae exception location: Wellhead is to be located outside of a GWA drilling window and the well will be drilled to a 318Ae infill location from outside of a GWA drilling window. Request and waivers attached. Operator requests approval of a Rule 603.a.(2) exception location: Wellhead is to be located less than 150' from a property line. Request letter and waivers attached. Corrected spacing/unit configuration for J Sand and notified opr. Ready to pass pending public comment 5/10/12	4/24/2012 2:06:51 PM
Permit	Operator corrected #23 and #36. This form has passed completeness.	4/19/2012 12:27:20 PM
Permit	Returned to draft. Missing #36, typo on #23.	4/18/2012 6:50:33 AM

Total: 4 comment(s)

### BMP

Type	Comment

Total: 0 comment(s)