

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:

400308115

Date Received:

07/31/2012

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: JENNIFER LIND Phone: (720)876-5890 Fax: (720)876-6890

Email: JENNIFER.LIND@ENCANA.COM

7. Well Name: DOWDY Well Number: 4-6-10

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

9. Proposed Total Measured Depth: 8326

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 10 Twp: 2N Rng: 65W Meridian: 6

Latitude: 40.152660

Longitude: -104.641220

Footage at Surface: 2447 feet FNL/FSL 202 feet FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4861 13. County: WELD

14. GPS Data:

Date of Measurement: 05/24/2012 PDOP Reading: 2.1 Instrument Operator's Name: RICE

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1320 FSL 2590 FEL/FWL 1320 FSL 2590 FEL/FWL 1320 FSL 2590 FEL/FWL 1320
Sec: 10 Twp: 2N Rng: 65W Sec: 10 Twp: 2N Rng: 65W

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: 465 ft

18. Distance to nearest property line: 202 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 241 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		160	GWA
J SAND	JSND		160	GWA
NIOBRARA	NBRR		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):

T2N-R65W-SC.10: SE/4

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	900	370	900	0
1ST	7+7/8	4+1/2	11.6	0	8,326	180	8,326	7,249
			Stage Tool		5,111	100	5,111	4,455

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

33. Comments ENCANA REQUESTS THE APPROVAL OF A RULE 318A(I).a.(1) AND 318A(I).c.(1) EXCEPTION LOCATION AS THE PROPOSED WELL IS TO BE LOCATED OUTSIDE OF A GWA DRILLING WINDOW AND GREATER THAN 50' FROM AN EXISTING WELL, REQUEST LETTER AND WAIVERS ATTACHED. ENCANA ALSO REQUESTS THE APPROVAL OF THE OMISSION OF OPEN HOLE LOGS, REQUEST LETTER ATTACHED. PROPOSED SPACING UNIT IS W/2SE & E/2SW-SEC.10-T2N-R65W.

34. Location ID: _____

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: JENNIFER LIND

Title: REGULATORY ANALYST Date: 7/31/2012 Email: JENNIFER.LIND@ENCANA.C

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: Matthew Lee Director of COGCC Date: 8/30/2012

API NUMBER

05 123 36048 00

Permit Number: _____ Expiration Date: 8/29/2014

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.

Operator must meet water well testing requirements per Rule 318A.

Attachment Check List

Att Doc Num	Name
2481765	SURFACE CASING CHECK
400308115	FORM 2 SUBMITTED
400309050	WELL LOCATION PLAT
400309051	OTHER
400309052	TOPO MAP
400309053	DEVIATED DRILLING PLAN
400309054	DIRECTIONAL DATA
400309057	EXCEPTION LOC REQUEST
400309652	EXCEPTION LOC WAIVERS
400311100	30 DAY NOTICE LETTER
400311101	MINERAL LEASE MAP
400311102	SURFACE AGRMT/SURETY
400311103	PROPOSED SPACING UNIT

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	8/28/2012 10:58:27 AM
Permit	ok to pass.	3/6/2012 4:22:05 PM
Permit	Reviewed and Approved Operator's request for omission of open hole logs.	3/6/2012 4:22:04 PM
Permit	Operator requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Request and waivers attached.	3/6/2012 4:22:02 PM

Total: 4 comment(s)

BMP

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

Total: 0 comment(s)