

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:

400368257

Date Received:

04/16/2013

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) INC4. COGCC Operator Number: 1001855. Address: 370 17TH ST STE 1700City: DENVER State: CO Zip: 80202-56326. Contact Name: Bonnie Lamond Phone: (720)876-5156 Fax: (720)876-6177Email: bonnie.lamond@encana.com7. Well Name: BOULDER BANK Well Number: 0-4-7

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

9. Proposed Total Measured Depth: 8523

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 7 Twp: 1N Rng: 66W Meridian: 6Latitude: 40.061820 Longitude: -104.822930

Footage at Surface: 1247 feet FNL/FSL 1916 feet FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 9075012. Ground Elevation: 4909 13. County: WELD

14. GPS Data:

Date of Measurement: 09/27/2010 PDOP Reading: 2.1 Instrument Operator's Name: TOM WINANS15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 2562 FSL 50 FWL FWL Bottom Hole: FNL/FSL 2562 FSL 50 FWL FWL
 Sec: 7 Twp: 1N Rng: 66W Sec: 7 Twp: 1N Rng: 66W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 822 ft18. Distance to nearest property line: 152 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 700 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 ☐ Indian23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 2009001123a. 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):

W/2SW/4 SECTION 7 1N 66W, AND OTHER LANDS

25. Distance to Nearest Mineral Lease Line: 50 ft

26. Total Acres in Lease: 579

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	328	900	0
1ST	7+7/8	4+1/2	11.6	0	8,523	175	8,523	7,434
			Stage Tool		5,211	83	5,211	4,611

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

33. Comments No conductor casing will be utilized. Encana Oil & Gas (USA) Inc. requests approval of Rule 318A.a SMF 318A.c exception location. Wellhead to be located outside of GWA drilling window and greater than 50' from an existing well. There are no new changes to the original APD and its attachments.

34. Location ID: 422928

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: Bonnie Lamond

Title: Permitting Technician

Date: 4/16/2013

Email: bonnie.lamond@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: 5/9/2013

API NUMBER

05 123 33448 00

Permit Number: _____

Expiration Date: 5/8/2015

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 notice of MIRU via an electronic Form 42.
2)Comply with Rule 317.i and provide cement coverage to a minimum of 200' above the Niobrara and from 200' below Sussex to 200' above Sussex. Verify cement coverage with a cement bond log per 317.o.

Attachment Check List

Att Doc Num	Name
2482352	SURFACE CASING CHECK
400368257	FORM 2 SUBMITTED

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator agreed with above corrections. Operator confirmed that lease consists of W/2SW/4 and other lands to equal 579 acres. Removed incorrect map. Ready to pass.	5/6/2013 1:32:03 PM
Permit	Corrected Location ID to 422928 Corrected surface bond ID to 20090011 Removed Spacing Order numbers. Drawing does not match lease description on the original lease map. Drawing shows W/2SW/4, described as SW/4. Lease map is not for Boulder Bank 2-8-7. 2-8-7 needs to be removed from map. Acres in lease says 579, map shows 80. Asked operator for confirmation of lease. WO operator confirmation of changes.	4/22/2013 9:51:04 AM

Total: 2 comment(s)

BMP

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