

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:

400303255

Date Received:

07/09/2012

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) INC4. COGCC Operator Number: 1001855. Address: 370 17TH ST STE 1700City: DENVER State: CO Zip: 80202-56326. Contact Name: JENNIFER LIND Phone: (720)876-5890 Fax: (720)876-6890Email: JENNIFER.LIND@ENCANA.COM7. Well Name: CANYON CREEK Well Number: 4-13

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

9. Proposed Total Measured Depth: 8512

## WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 13 Twp: 1N Rng: 69W Meridian: 6Latitude: 40.049520 Longitude: -105.062980

Footage at Surface: 2026 feet FSL 2098 feet FEL

11. Field Name: WATTENBERG Field Number: 9075012. Ground Elevation: 5058 13. County: BOULDER

## 14. GPS Data:

Date of Measurement: 05/25/2012 PDOP Reading: 1.3 Instrument Operator's Name: RICE15. 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  
1325 FSL 1325 FEL 1325 FSL 1325 FEL  
 Sec: 13 Twp: 1N Rng: 69W Sec: 13 Twp: 1N Rng: 69W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 305 ft18. Distance to nearest property line: 210 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1090 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	SE/4
J SAND	JSND	232	160	SE/4
NIOBRARA	NBRR	407	160	SE/4

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#: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):

NWSE of Sec. 13 1N-69W: SESE, W2SE less 20 acre tract described by m/bs and W2SWNESE

25. Distance to Nearest Mineral Lease Line: 212 ft 26. Total Acres in Lease: 105

### 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	790	280	790	0
1ST	7+7/8	4+1/2	11.6	0	8,512	300	8,512	7,326

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

33. Comments THIS PERMIT IS INTENDED TO REPLACE THE ORIGINAL CANYON CREEK 4-13 APD (API # 05-013-06634-00). THE ORIGINAL SURFACE LOCATION OF THE CANYON CREEK 8-6-13 (API # 05-013-06628) HAS BEEN PLUGGED AND ABANDONED DUE TO POTENTIAL COLLISION ISSUES WITH ANOTHER WELLBORE ON THE PAD. THE CANYON CREEK 8-6-13 HAS SLID SOUTHEAST TO THE PERMITTED CANYON CREEK 4-8-13 SURFACE LOCATION SO DRILLING COULD BE CONTINUED. THE NEW WELL IN THE 4-8-13 LOCATION HAS BEEN RENAMED THE CANYON CREEK 8-6-13 X AND WILL UTILIZE THE API # ORIGINALLY ASSIGNED TO THE CANYON CREEK 4-8-13 (API # 05-013-06633-00). THE CANYON CREEK 4-8-13 HAS ALSO SLID SOUTHEAST TO THE ORIGINAL CANYON CREEK 4-13 LOCATION AND WILL UTILIZE THAT API # (05-013-06634) THEREFORE, CANYON CREEK 4-13 NOW NEEDS A NEW API NUMBER ASSIGNED. THE SURFACE LOCATION FOR THE CANYON CREEK 4-13 HAS BEEN SHIFTED SOUTHEAST 10' OF ITS ORIGINAL LOCATION DUE TO THE SHIFT OF THE CANYON CREEK 8-6-13X AND THE CANYON CREEK 4-8-13. ENCANA ASKS THAT THE RULE 305.c. COMMENT PERIOD BE WAIVED SINCE THIS WELL HAS OBTAINED PRIOR APPROVAL WITH NO LGD COMMENTS. PROPOSED SPACING UNIT WILL REMAIN AS APPROVED: SE/4 OF SEC.13-T1N-R69W. SPUD IS SCHEDULED FOR THE CANYON CREEK 4-13 ON APPROX. 7/14/2012.

34. Location ID: 415299

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: 7/9/2012 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:  Director of COGCC Date: 7/12/2012

API NUMBER

05 013 06667 00

Permit Number: \_\_\_\_\_ Expiration Date: 7/11/2014

**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 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. 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
400303255	FORM 2 SUBMITTED
400303267	WELL LOCATION PLAT
400303268	DEVIATED DRILLING PLAN
400303271	DIRECTIONAL DATA
400303275	TOPO MAP
400303276	MINERAL LEASE MAP
400303278	SURFACE AGRMT/SURETY
400303284	30 DAY NOTICE LETTER

Total Attach: 8 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	7/12/2012 1:25:54 PM
Permit	PROPOSED SPACING UNIT WILL REMAIN AS APPROVED: SE/4 OF SEC.13-T1N-R69W. ok to pass.	7/9/2012 3:32:30 PM
Permit	document has pass completeness.	7/9/2012 2:57:14 PM

Total: 3 comment(s)

**BMP**

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

Total: 0 comment(s)