

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:

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

Email: JENNIFER.LIND@ENCANA.COM

7. 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: 6

Latitude: 40.049520 Longitude: -105.062980

Footage at Surface: 2026 feet FNL/FSL FSL 2098 feet FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5058 13. County: BOULDER

14. GPS Data:

Date of Measurement: 05/25/2012 PDOP Reading: 1.3 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 1325 FSL 1325 FEL 1325 FEL 1325
Bottom Hole: FNL/FSL 1325 FSL 1325 FEL 1325 FEL 1325
Sec: 13 Twp: 1N Rng: 69W Sec: 13 Twp: 1N Rng: 69W

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: 305 ft

18. 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 ☐ 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):

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: _____ Email: JENNIFER.LIND@ENCANA.

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: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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.

--

Attachment Check List

Att Doc Num	Name
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: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

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

Total: 0 comment(s)