

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

 OIL ☒ GAS ☐ COALBED ☐ OTHER _____
 SINGLE ZONE ☐ MULTIPLE ZONE ☒ COMMINGLE ZONE ☐
Refiling ☐Sidetrack ☐

Document Number:

1774909

Plugging Bond Surety

8

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: NICK G CURRAN Phone: (720)876-5288 Fax: (720)876-6288

Email: NICK.CURRAN@ENCANA.COM

7. Well Name: CANYON CREEK Well Number: 34-13

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

9. Proposed Total Measured Depth: 8611

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 13 Twp: 1N Rng: 69W Meridian: 6

Latitude: 40.049610 Longitude: -105.063200

FNL/FSL

FEL/FWL

Footage at Surface: 2060 FSL 2159 FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5058 13. County: BOULDER

14. GPS Data:

Date of Measurement: 09/23/2009 PDOP Reading: 1.5 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

510 FSL 2015 FEL 510 FSL 2015 FEL

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: 307 ft

18. Distance to nearest property line: 213 ft 19. Distance to nearest well permitted/completed in the same formation: 2360 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	232-23	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#: 2005

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 Bon ☐ \$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):
SESE, W2SE LESS 20 ACRE TRACT DESCRIBED BY ATTACHED METES & BOUNDS. (100) & W2SWNESE(5)

25. Distance to Nearest Mineral Lease Line: 215 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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☒ Offsite ☐ Onsite

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	650	280	650	
1ST	7+7/8	4+1/2	11.6	8,611	310	8,611	7,349
			Stage Tool	5,515	260	5,515	4,434

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

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: NICK G CURRAN

Title: PERMITTING AGENT Date: _____ Email: NICK.CURRAN@ENCANA.CO

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	Doc Description
1774909	APD ORIGINAL	LF@2192321 1774909
1774910	WELL LOCATION PLAT	LF@2192267 1774910
1774911	TOPO MAP	LF@2192268 1774911
1774912	MINERAL LEASE MAP	LF@2192484 1774912
1774913	LEGAL/LEASE DESCRIPTION	LF@2192269 1774913
1774914	30 DAY NOTICE LETTER	LF@2192270 1774914
1774915	DEVIATED DRILLING PLAN	LF@2192271 1774915

Total Attach: 7 Files