

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:

1692037

Plugging Bond Surety

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: JEVIN CROTEAU Phone: (720)876-5339 Fax: (720)876-6339

Email: JEVIN.CROTEAU@ENCANA.COM

7. Well Name: ARFISTOCRAT ANGUS Well Number: 4-2-4

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

9. Proposed Total Measured Depth: 7467

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 4 Twp: 3N Rng: 65W Meridian: 6

Latitude: 40.255840 Longitude: -104.666350

Footage at Surface: 2161 FNL/FSL 2083 FEL/FWL
FNL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4810 13. County: WELD

14. GPS Data:

Date of Measurement: 08/13/2009 PDOP Reading: 0.9 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
1325 FNL 2590 FWL 1325 FNL 2590 FWL
Sec: 4 Twp: 3N Rng: 65W Sec: 4 Twp: 3N Rng: 65W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 408

18. Distance to nearest property line: 267 19. Distance to nearest well permitted/completed in the same formation: 896

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	E2NW&W2NE S4
GREENHORN	GRNHN	1R-100	160	E2NW&W2NE S4
NIOBRARA	NBRR	407	160	E2NW&W2NE S4

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):
PLEASE REFER TO THE ATTACHED LEASE AND LEASE MAP FOR THE ENTIRE MINERAL LEASE DESCRIPTION

25. Distance to Nearest Mineral Lease Line: 1325 26. Total Acres in Lease: 2257

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	550	240	550	0
1ST	7+7/8	4+1/2	11.6	7,252	130	7,252	6,771
			Stage Tool	5,236	250	5,236	4,197

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

34. Location ID: 336635

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: JEVIN CROTEAU

Title: REGULATORY Date: _____ Email: JEVIN.CROTEAU@ENCANA.C

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:

Attachment Check List

Att Doc Num	Name	Doc Description
1692037	APD ORIG & 1 COPY	LF@2156862 1692037
1692038	WELL LOCATION PLAT	LF@2156863 1692038
1692040	TOPO MAP	LF@2156864 1692040
1692041	LEASE MAP	LF@2156879 1692041
1692042	OIL & GAS LEASE	LF@2156865 1692042
1692043	30 DAY NOTICE LETTER	LF@2156866 1692043
1692044	DEVIATED DRILLING PLAN	LF@2156867 1692044
1692045	EXCEPTION LOC REQUEST	LF@2156868 1692045
1692046	PROPOSED SPACING UNIT	LF@2156869 1692046

Total Attach: 9 Files