

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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Document Number:

1786775

Plugging Bond Surety

20050043

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 ☐

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: ARISTOCRAT ANGUS Well Number: 6-4-8

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

9. Proposed Total Measured Depth: 7616

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 8 Twp: 3N Rng: 65W Meridian: 6

Latitude: 40.242760 Longitude: -104.679400

Footage at Surface: 1600 FNL/FSL FNL 462 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4871 13. County: WELD

14. GPS Data:

Date of Measurement: 09/03/2009 PDOP Reading: 1.8 Instrument Operator's Name: JAY KNUTSON

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 2590 FNL 1340 FEL FEL Bottom Hole: FNL/FSL 2590 FNL 1340 FEL FEL
Sec: 8 Twp: 3N Rng: 65W Sec: 8 Twp: 3N Rng: 65W

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: 170 ft

18. Distance to nearest property line: 151 ft 19. Distance to nearest well permitted/completed in the same formation: 951 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	S/2NE & N/2SE
GREENHORN	GRNHN	1R-100	160	S/2NE & N/2SE
NIOBRARA	NBRR	407	160	S/2NE & N/2SE

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#: 20050027

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):
ALL OF SEC. 8, T3N, R65W

25. Distance to Nearest Mineral Lease Line: 1340 ft 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	650	280	650	0
1ST	7+7/8	4+1/2	11.6	7,616	850	7,616	4,335

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

34. Location ID: 311477

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: 10/23/2009 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: David S. Neslin Director of COGCC Date: 1/19/2010

API NUMBER

05 123 31038 00

Permit Number: _____ Expiration Date: 1/18/2012

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.

RIG HEIGHT MUST NOT EXCEED 113 FEET (PUBLIC ROAD 170')

Permitting extra Formation other than J sand or Niob-Codl 318d3, exception location granted. Well outside the drilling window exception granted.

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1) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. 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	Doc Description
1760265	SURFACE AGRMT/SURETY	LF@2203190 1760265
1760266	EXCEPTION LOC REQUEST	LF@2203189 1760266
1786776	WELL LOCATION PLAT	LF@2164954 1786776
1786777	TOPO MAP	LF@2164956 1786777
1786778	MINERAL LEASE MAP	LF@2164975 1786778
1786779	30 DAY NOTICE LETTER	LF@2164958 1786779
1786780	CONSULT NOTICE	LF@2164960 1786780
1786781	DEVIATED DRILLING PLAN	LF@2164962 1786781
1786782	EXCEPTION LOC REQUEST	LF@2164964 1786782
1786783	EXCEPTION LOC WAIVERS	LF@2164966 1786783
1786784	PROPOSED SPACING UNIT	LF@2164968 1786784
2063593	SURFACE CASING CHECK	LF@2207654 2063593.00000
400011595	FORM 2 SUBMITTED	LF@2203021 400011595
400033915	APD ORIGINAL	LF@2164952 400033915

Total Attach: 14 Files