

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:

2589618

Plugging Bond Surety

20100017

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 ☒

Refilling ☐

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 FEDERAL Well Number: 0-4-10

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

9. Proposed Total Measured Depth: 7805

WELL LOCATION INFORMATION

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

Latitude: 40.237900 Longitude: -104.657370

Footage at Surface: 1925 FNL/FSL FSL 510 FEL/FWL FWL

11. Field Name: ARISTOCRAT Field Number: 2925

12. Ground Elevation: 4819 13. County: WELD

14. GPS Data:

Date of Measurement: 06/11/2010 PDOP Reading: 2.7 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 2588 FNL 50 FWL FWL Bottom Hole: FNL/FSL 2588 FNL 50 FWL FWL
Sec: 10 Twp: 3N Rng: 65W Sec: 10 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: 4648 ft

18. Distance to nearest property line: 510 ft 19. Distance to nearest well permitted/completed in the same formation: 936 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	GWA
GREENHORN	GRNHN	1R-100	160	GWA
NIOBRARA	NBRR	407	160	GWA

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: C27062

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 20090011

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):
SWNE, SWNW & SENW OF SEC. 10, T3N, R65W

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 57

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	700	300	700	0
1ST	7+7/8	4+1/2	11.6	7,805	280	7,805	6,720

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

33. Comments NO CONDUCTOR CASING WILL BE USED. PROPOSED SPACING UNIT IS SENE, NESE SEC 10; NWSW, SWNW SEC 9

34. Location ID: 332739

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: 6/17/2010 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: 11/18/2010

API NUMBER

05 123 32576 00

Permit Number: _____ Expiration Date: 11/17/2012

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.

1) Provide 24 hour notice of MIRU to Bo Brown at 970-330-6085 or e-mail at bobrown@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
2554152	OTHER	LF@2494096 2554152
2554153	PROPOSED SPACING UNIT	LF@2494097 2554153
2555928	SURFACE CASING CHECK	LF@2509249 2555928
2589618	APD ORIGINAL	LF@2494092 2589618
2589619	WELL LOCATION PLAT	LF@2494093 2589619
2589620	TOPO MAP	LF@2494058 2589620
2589621	MINERAL LEASE MAP	LF@2494057 2589621
2589622	30 DAY NOTICE LETTER	LF@2494094 2589622
2589623	DEVIATED DRILLING PLAN	LF@2494095 2589623

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PASSED PERMITTING waiting on OGLA 7/15/10 LWC	

Total: 1 comment(s)

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