

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:

400373155

Date Received:

01/28/2013

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

3. Name of Operator: ENCANA OIL & GAS (USA) INC4. COGCC Operator Number: 1001855. Address: 370 17TH ST STE 1700City: DENVER State: CO Zip: 80202-56326. Contact Name: Erin Hochstetler Phone: (720)876-5827 Fax: (720)876-6177Email: erin.hochstetler@encana.com7. Well Name: ARISTOCRAT ANGUS FEDERAL Well Number: 0-4-10

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

9. Proposed Total Measured Depth: 7816

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 10 Twp: 3N Rng: 65W Meridian: 6Latitude: 40.237900 Longitude: -104.657370

Footage at Surface: 1865 feet FNL/FSL 561 feet FEL/FWL FWL

11. Field Name: ARISTOCRAT Field Number: 292512. Ground Elevation: 4819 13. County: WELD

14. GPS Data:

Date of Measurement: 06/11/2010 PDOP Reading: 2.7 Instrument Operator's Name: JAY KNUTSON15. 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 _____
2588 FNL 50 FWL 2588 FNL 50 FWL
 Sec: 10 Twp: 3N Rng: 65W Sec: 10 Twp: 3N Rng: 65W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 4669 ft18. Distance to nearest property line: 561 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 703 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		160	GWA
J SAND	JSND		160	GWA
NIOBRARA	NBRR		160	GWA

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: C2706222. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 2009001123a. 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):

NW/4NW/4, AND PORTIONS OF SW/4NW/4, SE/4NW/4, AND SW/4NE/4 OF SEC. 10, T3N, R95W

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 101

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	700	300	700	0
1ST	7+7/8	4+1/2	11.6	0	7,816	280	7,816	6,732

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 Since the original filing of this permit, the SHL has been changed. A sundry was filed and approved January, 2011. This well has not yet been drilled therefore the current 2A is still relevant.

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: Erin Hochstetler

Title: Permitting Technician Date: 1/28/2013 Email: erin.hochstetler@encana.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 2/22/2013

API NUMBER

05 123 32576 00

Permit Number: _____ Expiration Date: 2/21/2015

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 notice of MIRU via an electronic Form 42.
- 2) Comply with Rule 317.i and provide cement coverage to a minimum of 200' above the Niobrara and from 200' below Sussex to 200' above Sussex. Verify cement coverage with a cement bond log per 317.o.

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area.

Attachment Check List

Att Doc Num	Name
2482168	SURFACE CASING CHECK
400373155	FORM 2 SUBMITTED
400375125	MINERAL LEASE MAP
400375126	DEVIATED DRILLING PLAN
400375128	PROPOSED SPACING UNIT
400375129	WELL LOCATION PLAT
400375130	30 DAY NOTICE LETTER
400375136	DIRECTIONAL DATA

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator agreed to the Federal 12-10 at 703'. Greenhorn was not meant to be on this permit. Formation was removed from Objective Formation tab. Removed spacing orders from Objective formation since this is a 160 GWA unit. Corrected lease description and lease area to 101.1 acres. All of above is per operator. Ready to pass pending public comment.	2/8/2013 10:33:06 AM
Permit	Removed Plugging Bond ID and added Surface Bond ID. Federal 12-10 is 703' away, closer than the declared value of 936' (line 19) Lease description does not match lease map. Need exception location to add Greenhorn per Cause 1R-100 Checking with operator to see if the Codell and Niobrara should also be under order 232-307, as opposed to 407-87 Contacted operator on all of the above.	1/30/2013 8:19:07 AM
Permit	Form has passed completeness.	1/29/2013 11:29:44 AM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)