

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:

1904015

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: NICK CURRAN Phone: (303)623-2300 Fax: (303)623-2400

Email: NICK.CURRAN@ENCANA.COM

7. Well Name: ARISTOCRAT ANGUS Well Number: 2-4-8

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

9. Proposed Total Measured Depth: 8228

WELL LOCATION INFORMATION

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

Latitude: 40.244940 Longitude: -104.689080

Footage at Surface: 811 FNL/FSL FNL 2139 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4900 13. County: WELD

14. GPS Data:

Date of Measurement: 03/25/2009 PDOP Reading: 0.4 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 2590 FNL 1315 FWL FWL Bottom Hole: FNL/FSL 2590 FNL 1315 FWL FWL
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: 579 ft

18. Distance to nearest property line: 297 ft 19. Distance to nearest well permitted/completed in the same formation: 950 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		160	GWA
J SAND	JSND	232-23	320	W/2
NIOBRARA	NBRR	407	160	GWA

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):
SEE ATTACHED LEASE DESCRIPTION

25. Distance to Nearest Mineral Lease Line: 1315 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	750	320	750	0
1ST	7+7/8	4+1/2	11.6	8,228	290	8,228	7,138
			Stage Tool	5,597	230	5,597	4,623

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

33. Comments NO CONDUCTOR CASING WILL BE USED. TWINNING ENCANA ARISTOCRAT ANGUS 3-2-8

34. Location ID: 333183

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: Y Print Name: NICK CURRAN

Title: PERMIT AGENT Date: 4/23/2009 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: David S. Neslin Director of COGCC Date: 8/10/2009

API NUMBER

05 123 30575 00

Permit Number: 20092489 Expiration Date: 8/9/2010

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 ED BINKLEY AT 970-506-9834 OR EMAIL AT ED.BINKLEY@STATE.CO.US. 2) COMPLYWITH RULE 317.I AND PROVIDE CEMENT COVERAGE FROM TD TO A MINIMUM OF 200 FEET ABOVE NIOBRARA AND FROM 200 FEET BELOW SUSSEX TO 200 FEET ABOVE SUSSEX. VERIFY COVERAGE WITH CEMENT WITH A 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.

TEST

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Attachment Check List

Att Doc Num	Name	Doc Description
1824847	OIL & GAS LEASE	LF@2042967 1824847
1904015	APD APPROVED	1904015.pdf
1904016	WELL LOCATION PLAT	LF@2042965 1904016
1904017	TOPO MAP	LF@2042966 1904017
1904018	MINERAL LEASE MAP	LF@2043096 1904018
1904019	30 DAY NOTICE LETTER	LF@2042968 1904019
1904020	DIRECTIONAL SURVEY	LF@2042969 1904020
1904021	PROPOSED SPACING UNIT	LF@2042970 1904021
400002682	APD ORIG & 1 COPY	LF@2042964 1904015

Total Attach: 9 Files