

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



DE	ET	OE	ES
----	----	----	----

Document Number:

2093308

Plugging Bond Surety

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: HC FED

Well Number: 31-31B-45-14

8. Unit Name (if appl): HAMILTON

Unit Number: COC047632

X

9. Proposed Total Measured Depth: 7030

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 31 Twp: 45N Rng: 14W Meridian: N

Latitude: 38.108151

Longitude: -108.461438

Footage at Surface: 2166 FNL/FSL FSL 570 FEL/FWL FWL

11. Field Name: HAMILTON CREEK

Field Number: 33540

12. Ground Elevation: 6845.4

13. County: SAN MIGUEL

14. GPS Data:

Date of Measurement: 12/03/2009 PDOP Reading: 2.5 Instrument Operator's Name: RICHARD SEAL

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
2444	FSL	671	FWL	2444	FSL
					671
					FWL
Sec: 31	Twp: 45N	Rng: 14W	Sec: 31	Twp: 45N	Rng: 14W

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: 2683 ft

18. Distance to nearest property line: 570 ft 19. Distance to nearest well permitted/completed in the same formation: 1409 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.)
CUTLER-HONAKER TRAIL	CT-HT			

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#: _____

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):
 LOTS 2-4, SEC. 6, T44N R14W; LOTS 1-4, SEC. 1, T44N R15W; LOTS 1-4, SENE, W2E2, E2W2, SEC. 31 T45N R14W

25. Distance to Nearest Mineral Lease Line: 671 ft 26. Total Acres in Lease: 660

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: RECYCLE & BURY

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	9+5/8	36	1,700	585	1,700	0
1ST	8+3/4	5+1/2	17	7,030	1,350	7,030	1,600

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

33. Comments NO CONDUCTOR CASING WILL BE USED. THIS WELL WILL BE COMPLETED IN THE UPPER HONAKER TRAIL OF THE HERMOSA GROUP.

34. Location ID: 334389

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

05 113 06243 00

Permit Number: _____ Expiration Date: _____

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.

Attachment Check List

Att Doc Num	Name	Doc Description
2093308	APD ORIGINAL	LF@2200354 2093308
2093310	WELL LOCATION PLAT	LF@2200355 2093310
2093311	DEVIATED DRILLING PLAN	LF@2200356 2093311

Total Attach: 3 Files