

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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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 ☐

Document Number:

2093536

Plugging Bond Surety

20050043

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: WRAY MESA Well Number: 36-34

8. Unit Name (if appl): HORN UNIT Unit Number: COC-72317X

9. Proposed Total Measured Depth: 10757

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 36 Twp: 47N Rng: 20W Meridian: N

Latitude: 38.287309 Longitude: -109.021136

Footage at Surface: 1945 FNL/FSL FNL 975 FEL/FWL FEL

11. Field Name: WILDCAT Field Number: _____

12. Ground Elevation: 7289.2 13. County: MONTROSE

14. GPS Data:

Date of Measurement: 05/20/2008 PDOP Reading: 1.8 Instrument Operator's Name: DAN MORBY

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

Footage at Top of Prod Zone: FNL/FSL 1469 FSL 158 FEL 1469 FSL 158 FEL
Sec: 36 Twp: 47N Rng: 20W Sec: 36 Twp: 47N Rng: 20W

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: 1400 ft

18. Distance to nearest property line: 15095 ft 19. Distance to nearest well permitted/completed in the same formation: 5 mi

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	CTLR			
HERMOSA	HRMS			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC-62156

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):
ALL OF SEC. 36 & ALL OF SEC. 25 T47N, R20W

25. Distance to Nearest Mineral Lease Line: 158 ft 26. Total Acres in Lease: 1280

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	2,460	800	2,460	0
1ST	8+3/4	5+1/2	17	10,757	2,100	10,757	2,200

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

33. Comments NO CONDUCTOR CASING WILL BE USED. NOTHING HAS CHANGED FROM THE ORIGINAL APD.

34. Location ID: 313643

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 ANALYST Date: 12/24/2009 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: 3/10/2010

API NUMBER

05 085 06049 00

Permit Number: _____ Expiration Date: 3/8/2012

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) 24-HOUR SPUD NOTICE REQUIRED. E-MAIL Shaun.Kellerby@state.co.us (2) CEMENT-TOP VERIFICATION BY CBL REQUIRED. (3) THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE-MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1. (4) NOTICE TO ALL OPERATORS DRILLING PARADOX FORMATION APPLIES TO THIS WELL. NOTE: COGCC NOTICES SHALL BE GIVEN TO DAVID ANDREWS AT 970-625-2497 EXT.1. SEE ATTACHED NOTICE (5) THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1-MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 000 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
2093537	WELL LOCATION PLAT	LF@2204605 2093537
2093538	TOPO MAP	LF@2204827 2093538
2093539	MINERAL LEASE MAP	LF@2204606 2093539
2093540	DEVIATED DRILLING PLAN	LF@2204607 2093540
2093541	H2S CONTINGENCY PLAN	LF@2204608 2093541
2093542	FED. DRILLING PERMIT	LF@2204609 2093542
400025027	FORM 2 SUBMITTED	LF@2208770 400025027
400048739	APD ORIGINAL	LF@2204603 400048739

Total Attach: 8 Files