

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:

400042682

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: MIRACLE PFISTER Phone: (720)876-3761 Fax: (720)876-6060

Email: miracle.pfister@encana.com

7. Well Name: HMU Well Number: 9-4A (E9W)

8. Unit Name (if appl): HUNTER MESA Unit Number: COC55972E

9. Proposed Total Measured Depth: 10346

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 9 Twp: 7S Rng: 93W Meridian: 6

Latitude: 39.462180 Longitude: -107.784860

Footage at Surface: 1850 FNL/FSL FNL 1053 FEL/FWL FWL

11. Field Name: MAMM CREEK Field Number: 52500

12. Ground Elevation: 7120 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 03/24/2009 PDOP Reading: 4.5 Instrument Operator's Name: ROD MOORE

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

Footage at Top of Prod Zone: FNL/FSL FNL/FSL Bottom Hole: FNL/FSL FNL/FSL
322 FNL 616 FWL 346 FNL 599 FWL
Sec: 9 Twp: 7S Rng: 93W Sec: 9 Twp: 7S Rng: 93W

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: 290 ft

18. Distance to nearest property line: 314 ft 19. Distance to nearest well permitted/completed in the same formation: 588 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.)
Iles	ILES			
Williams Fork	WMFK			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC50128

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):
T7S-R93W SEC 9: NE/NE, S2/NE, SE, W2/W2

25. Distance to Nearest Mineral Lease Line: 660 ft 26. Total Acres in Lease: 440

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
CONDUCTOR	26	16	42	62	5	62	0
SURF	12+1/4	9+5/8	36	1,108	374	1,108	0
1ST	8+3/4	4+1/2	11.6	10,346	1,353	10,346	4,300

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

33. Comments RECOMPLETE APD TO PERF AND FRAC UPHOLE IN THE WILLIAMS FORK.

34. Location ID: _____

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: MIRACLE PFISTER

Title: REGULATORY ANALYST Date: 2/24/2010 Email: miracle.pfister@encana.com

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: 3/22/2010

API NUMBER

05 045 17062 00

Permit Number: _____ Expiration Date: 3/21/2011

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
1791475	DEVIATED DRILLING PLAN	LF@2437036 1791475
1791476	WAIVERS	LF@2437070 1791476
1791477	WAIVERS	LF@2437074 1791477
1791478	WAIVERS	LF@2437215 1791478
400042939	OTHER	LF@2432521 400042939
400042972	FORM 2 SUBMITTED	LF@2432522 400042972

Total Attach: 6 Files