

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:  
400169639

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

Plugging Bond Surety

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)876-4861  
Email: miracle.pfister@encana.com

7. Well Name: Federal Well Number: 36-11H (ON1)

8. Unit Name (if appl): MT LOGAN Unit Number: COC74792X

9. Proposed Total Measured Depth: 14102

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 1 Twp: 8S Rng: 97W Meridian: 6  
Latitude: 39.382383 Longitude: -108.170383

Footage at Surface: 354 feet <sup>FNL/FSL</sup> FSL 2081 feet <sup>FEL/FWL</sup> FWL

11. Field Name: HORSETHIEF CREEK Field Number: 37475

12. Ground Elevation: 5393 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 10/21/2010 PDOP Reading: 2.3 Instrument Operator's Name: C.D. SLAUGH

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

Footage at Top of Prod Zone: <sup>FNL/FSL</sup> 739 FSL 2480 FEL <sup>FEL/FWL</sup> 1261 FSL 1611 FWL  
Bottom Hole: <sup>FNL/FSL</sup> 1261 FSL 1611 FWL  
Sec: 1 Twp: 8s Rng: 97W Sec: 36 Twp: 7S Rng: 97W

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: 3311 ft

18. Distance to nearest property line: 354 ft 19. Distance to nearest well permitted/completed in the same formation: 2750 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.)
MANCOS GROUP	MNCS			

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: COC60436

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  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):

T7S-R97W SEC 1: NESW SEC 14: N2

25. Distance to Nearest Mineral Lease Line: 1261 ft

26. Total Acres in Lease: 360

### 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
CONDUCTOR	24	20	Linepipe	0	40	5	40	0
SURF	14+3/4	10+3/4	40.5	0	1,412	671	1,412	0
1ST	9+7/8	7+5/8	29.7	0	7,657	1,099	7,657	0
2ND	6+1/2	5	23.2	0	14,102	429	14,102	7,157

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

33. Comments THE NEAREST DISTANCE IS TO A PUBLIC ROAD. TOP OF THE INTERMEDIATE CEMENT IS 200 FT ABOVE THE MESA VERDE.

34. Location ID: 334468

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: \_\_\_\_\_ 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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

API NUMBER

05

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
400169767	FED. DRILLING PERMIT
400169768	PLAT
400169769	DEVIATED DRILLING PLAN

Total Attach: 3 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

### BMP

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

Total: 0 comment(s)