

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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| DE | ET | OE | ES |
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Document Number:

400165342

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: MIRACLE PFISTER Phone: (720)876-3761 Fax: (720)876-4861  
Email: miracle.pfister@encana.com

7. Well Name: FEDERAL Well Number: 35-16H (ON1)

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

9. Proposed Total Measured Depth: 14113

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 1 Twp: 8S Rng: 97W Meridian: 6

Latitude: 39.382642 Longitude: -108.170445

Footage at Surface: 449 feet FNL/FSL FSL 2066 feet FEL/FWL FWL

11. Field Name: HORSETHIEF CREEK Field Number: 37475

12. Ground Elevation: 5392 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 09/03/2010 PDOP Reading: 2.0 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: FNL/FSL 449 FSL 2066 FEL/FWL FWL Bottom Hole: FNL/FSL 140 FSL 918 FEL/FWL FEL  
Sec: 1 Twp: 8S Rng: 97W Sec: 35 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: 3368 ft

18. Distance to nearest property line: 376 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                 | MNCS           |                         |                               |                                      |

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC64195

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 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: 140 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             | 1,400         | 665       | 1,400   | 0       |
| 1ST         | 9+7/8        | 7+5/8          | 29.7     | 0             | 7,600         | 1,090     | 7,600   | 0       |
| 2ND         | 6+1/2        | 5              | 23.2     | 0             | 14,113        | 433       | 14,113  | 0       |

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

33. Comments THE NEAREST DISTANCE IS TO A PUBLIC ROAD. LETTER IS ATTACHED. TOP OF INTERMEDIATE CASING IS 200 FT ABOVE THE MSVD. TOP OF PRODUCTION CEMENT IS 500 FT INSIDE THE INTERMEDIATE CASING.

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: 5/16/2011 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: \_\_\_\_\_

**API NUMBER**

05

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.

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### Attachment Check List

| Att Doc Num | Name                   |
|-------------|------------------------|
| 400165342   | FORM 2 SUBMITTED       |
| 400165383   | FED. DRILLING PERMIT   |
| 400165386   | DEVIATED DRILLING PLAN |
| 400165776   | PLAT                   |

Total Attach: 4 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> |
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