

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:

400086044

Plugging Bond Surety

20100017

## 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 &amp; 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: DeAnne Spector Phone: (720)876-5826 Fax: (720)876-6826

Email: deanne.spector@encana.com

7. Well Name: Benjamin Fee Well Number: 28-16C (K28NW)

8. Unit Name (if appl): Grass Mesa Unit Number: COC056608  
X

9. Proposed Total Measured Depth: 10291

## WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 28 Twp: 6S Rng: 93W Meridian: 6

Latitude: 39.494570 Longitude: -107.780409

 Footage at Surface: 1690 FNL/FSL 2543 FEL/FWL  
 FSL FWL

11. Field Name: Mamm Creek Field Number: 52500

12. Ground Elevation: 5955 13. County: GARFIELD

## 14. GPS Data:

Date of Measurement: 06/11/2010 PDOP Reading: 2.8 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 FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
 180 FSL 1190 FEL 180 FSL 1190 FEL  
 Sec: 28 Twp: 6S Rng: 96W Sec: 28 Twp: 6S 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: 550 ft

18. Distance to nearest property line: 366 ft 19. Distance to nearest well permitted/completed in the same formation: 875

## 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 #: \_\_\_\_\_

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):  
T6S-R93W: Sec. 21: S2, S2NE; Sec. 28: E2E2,SWSE, NWNE; Sec. 33: E2SW

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 180 \_\_\_\_\_ 26. Total Acres in Lease: \_\_\_\_\_ 720 \_\_\_\_\_

### 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   | 24+0/0       | 16+0/0         | 65              | 40            | 5            | 40            | 0          |
| SURF        | 12+1/4       | 9+5/8          | 36              | 1,543         | 472          | 1,543         | 0          |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 10,291        | 797          | 10,291        | 0          |

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

33. Comments Distance from the well to the public road is 550". Blanket waiver letter is included with this permit. Intermediate casing will be 200>MSVD; TOC production will be 500' inside the intermediate casing.

34. Location ID: \_\_\_\_\_ 335428 \_\_\_\_\_

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: DeAnne Spector \_\_\_\_\_

Title: Regulatory Analyst Date: \_\_\_\_\_ Email: deanne.spector@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.

**Attachment Check List**

| Att Doc Num | Name                   | Doc Description                          |
|-------------|------------------------|--|
| 400086064   | PLAT                   | Benjamin Fee 28-16C Plat (K28NW).pdf     |
| 400086065   | DEVIATED DRILLING PLAN | Benjamin Fee 28-16C Drilling Plan #1.pdf |
| 400086067   | SURFACE AGRMT/SURETY   | K28NW SDA.pdf                            |
| 400090779   | WAIVERS                | Petrogulf - Blanket Waiver.pdf           |

Total Attach: 4 Files