

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



|    |    |    |    |
|----|----|----|----|
| DE | ET | OE | ES |
|----|----|----|----|

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:

400092607

Plugging Bond Surety

20030058

3. Name of Operator: EOG RESOURCES INC

4. COGCC Operator Number: 27742

5. Address: 600 17TH ST STE 1100N

City: DENVER State: CO Zip: 80202

6. Contact Name: Jennifer Yu Phone: (303)824-5576 Fax: (303)824-5577  
Email: jennifer\_yu@eogresources.com

7. Well Name: Surprise Well Number: 4-06H

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 11446

WELL LOCATION INFORMATION

10. QtrQtr: 11 Sec: 6 Twp: 6N Rng: 80W Meridian: 6

Latitude: 40.512561 Longitude: -106.416789

Footage at Surface: 382 FNL/FSL FSL 2025 FEL/FWL FEL

11. Field Name: Coalmont Field Number: 11475

12. Ground Elevation: 8218 13. County: JACKSON

14. GPS Data:

Date of Measurement: 04/30/2008 PDOP Reading: 3.0 Instrument Operator's Name: Robert L. Kay

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

Footage at Top of Prod Zone: FNL/FSL 616 FNL 2016 FWL 620 FEL/FWL 620 FWL 620 FWL 620 FWL  
Sec: 7 Twp: 6N Rng: 80W Sec: 7 Twp: 6N Rng: 80W

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: 631 ft

18. Distance to nearest property line: 382 ft 19. Distance to nearest well permitted/completed in the same formation: 1311 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Niobrara               | NBRR           | 531-2                   | 640                           | ALL                                  |

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: COC65600

22. Surface Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 20090114

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):  
 Lot 5-13, S2SE Section 5, Lot J, Lot 8-12, S2NE Section 6, Lot 5-7, N2SE, SESE Section 7, SWNE, SW/4, W2SE Section 8, SENE, SWSW, NESE Section 9, SENE, S/2 Section 17, Lot 5, NENE, S2NE Section 18, T6N, R80W of the 6th P.M.

25. Distance to Nearest Mineral Lease Line: 620 ft 26. Total Acres in Lease: 1231

### 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: Backfill and cover

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   | 20           | 16             | 42              | 60            | 50           | 60            | 0          |
| SURF        | 12+1/4       | 9+5/8          | 36              | 800           | 325          | 800           | 0          |
| 1ST         | 8+3/4        | 7              | 23              | 7,294         | 570          | 7,294         | 0          |
| 1ST LINER   | 6+1/4        | 4+1/2          | 11.6            | 11,446        | 530          | 11,446        | 5,940      |

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

33. Comments Refer to Form 2A Doc # 400036954. The sidetrack BHL target remains the same as the original permit (Doc No. 400036904)

34. Location ID: 416625

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: Jennifer Yu

Title: Regulatory Administrator Date: 9/14/2010 Email: jennifer\_yu@eogresources.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: 10/15/2010

API NUMBER

05 057 06480 01

Permit Number: \_\_\_\_\_ Expiration Date: 10/14/2012

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.COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

2.RESERVE PIT MUST BE LINED.

3.PRODUCTION CASING CEMENT TOP VERIFICATION BY CBL REQUIRED.

### **Attachment Check List**

| Att Doc Num | Name             | Doc Description      |
|-------------|------------------|----------------------|
| 400092607   | FORM 2 SUBMITTED | LF@2542286 400092607 |
| 400093359   | PLAT             | LF@2542287 400093359 |

Total Attach: 2 Files

### **General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>   | <b><u>Comment Date</u></b> |
|--------------------------|---|----------------------------|
| Permit                   | FROM OPR:<br>I corrected the orientation of the legal plat and uploaded both SHL and BHL plats. I also put a comment that the sidetrack BHL target remains the same as the original permit.<br>I made correction to the legal description from the SWSE to Lot 11.<br>I referenced the Form 2A (Doc # 400036954) in Comment so you are aware which Oil and Gas Assessment this well is tied to. The original Form 2 Doc # is 400036904. | 9/16/2010<br>10:00:35 AM   |
| Permit                   | return to draft - rotate plat, attach BHL plat and LOT 11 better description for qtrqtr - opr notified<br>Larry indicated he'd talk with Jennifer Yu regarding status of other required attachments - rest looks ok   | 9/16/2010<br>8:18:45 AM    |

Total: 2 comment(s)

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