

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:

400096899

Plugging Bond Surety

20030058

3. Name of Operator: EOG RESOURCES INC4. COGCC Operator Number: 277425. Address: 600 17TH ST STE 1100NCity: DENVER State: CO Zip: 802026. Contact Name: Kaylene Gardner Phone: (435)781-9111 Fax: (435)789-7633Email: kaylene\_gardner@eogresources.com7. Well Name: Lion Creek Well Number: 09-35H

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

9. Proposed Total Measured Depth: 12277

## WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 35 Twp: 11N Rng: 64W Meridian: 6Latitude: 40.872278 Longitude: -104.506003
 Footage at Surface: 501 FNL/FSL 501 FEL/FWL FEL
11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 5339 13. County: WELD

## 14. GPS Data:

Date of Measurement: 05/06/2010 PDOP Reading: 1.6 Instrument Operator's Name: Robert L. Kay15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 653 FSL 963 FEL/FWL 2230 FNL 660 FWL  
 Sec: 35 Twp: 11N Rng: 64W Sec: 35 Twp: 11N Rng: 64W
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 4323 ft18. Distance to nearest property line: 501 ft 19. Distance to nearest well permitted/completed in the same formation: 2 mi

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           | 1010-SP-28              | 640                           | Section 35                           |

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):  
See attached lease description.

25. Distance to Nearest Mineral Lease Line: 660 ft 26. Total Acres in Lease: 5044

### 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        | 13+1/2       | 9+5/8          | 36              | 1,520         | 795          | 1,520         | 0          |
| 1ST         | 8+3/4        | 7              | 23              | 7,822         | 825          | 7,822         | 0          |
| 1ST LINER   | 6            | 4+1/2          | 11.6            | 12,277        | 320          | 12,277        | 7,072      |

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

33. Comments \_\_\_\_\_

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: Kaylene Gardner

Title: Sr. Regulator Admin Date: \_\_\_\_\_ Email: kaylene\_gardner@eogresource

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                    | Doc Description                                  |
|-------------|-------------------------|--|
| 400096962   | TOPO MAP                | Lion Creek 09-35H Topo Map.pdf                   |
| 400096965   | DEVIATED DRILLING PLAN  | Lion Creek 09-35H APD Deviated Drilling Plan.pdf |
| 400101033   | DRILLING PLAN           | Lion Creek 09-35H APD Drilling Plan.pdf          |
| 400101034   | PLAT                    | Lion Creek 09-35H Survey Plat.pdf                |
| 400101867   | LEGAL/LEASE DESCRIPTION | Lion Creek 09-35H Lease Desc.pdf                 |

Total Attach: 5 Files