

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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## 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:

400106810

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: 07-24H

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

9. Proposed Total Measured Depth: 11697

## WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 24 Twp: 11N Rng: 64W Meridian: 6Latitude: 40.901433 Longitude: -104.489917Footage at Surface: 501 FNL/FSL FSL 1270 FEL/FWL FEL11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 5298 13. County: WELD

## 14. GPS Data:

Date of Measurement: 11/03/2010 PDOP Reading: 1.9 Instrument Operator's Name: Robert Kay15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**Footage at Top of Prod Zone: FNL/FSL 957 FSL 1487 FEL 600 FEL/FWL 1620 FWL 600  
Bottom Hole: FNL/FSL 600 FNL 1620 FWL 600  
Sec: 24 Twp: 11N Rng: 64W Sec: 24 Twp: 11N Rng: 64W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 4809 ft18. Distance to nearest property line: 5649 ft 19. Distance to nearest well permitted/completed in the same formation: 4790 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	421-3	640	

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):  
Please see attached lease description

25. Distance to Nearest Mineral Lease Line: 5920 ft 26. Total Acres in Lease: 5364

### 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	1,500	780	1,500	0
1ST	8+3/4	7	23	7,754	820	7,754	0
1ST LINER	6	4+1/2	11.6	11,697	290	11,697	7,004

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. Regulatory Admin. Date: \_\_\_\_\_ Email: Kaylene\_Gardner@eogresourc

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
400107013	TOPO MAP	Lion Creek 07-24H Topo Map.pdf
400107015	PLAT	Lion Creek 07-24H Survey Plat.pdf
400107016	LEGAL/LEASE DESCRIPTION	Lion Creek 07-24H Lease Desc.pdf
400107017	DRILLING PLAN	Lion Creek 07-24H APD Drilling Plan.pdf
400107019	DEVIATED DRILLING PLAN	Lion Creek 07-24H APD Deviated Drilling Plan and Plot.pdf

Total Attach: 5 Files