

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:

400077399

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: Jennifer Yu Phone: (303)824-5576 Fax: (303)824-5577Email: jennifer_yu@eogresources.com7. Well Name: Lion Creek Well Number: 4-16H

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 13284

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 16 Twp: 11N Rng: 64W Meridian: 6Latitude: 40.914992 Longitude: -104.543400
 Footage at Surface: 501 FNL/FSL 501 FEL/FWL FEL
11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 5439 13. County: WELD

14. GPS Data:

Date of Measurement: 05/09/2010 PDOP Reading: 1.6 Instrument Operator's Name: Uintah Engineering & Land Surveying15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 841 FSL 845 FEL 600 FEL/FWL 600 FWL 600
 Sec: 16 Twp: 11N Rng: 64W Sec: 16 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: 664 ft18. Distance to nearest property line: 501 ft 19. Distance to nearest well permitted/completed in the same formation: 5280 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	N/A		

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 8727-5

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):
All of Section 16, T11N, R64W

25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 640

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: Back fill 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		42	60	50	60	0
SURF	13+1/2	9+5/8	36	1,640	855	1,640	0
1ST	8+3/4	7	23	7,987	845	7,987	0
1ST LINER	6	4+1/2	11.6	13,284	375	13,284	7,237

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: Jennifer Yu

Title: Lead Regulatory Assistant Date: _____ 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: _____ 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
400077401	DRILLING PLAN	Lion Creek 04-16H_APD Drilling Plan.pdf
400077402	DEVIATED DRILLING PLAN	Lion Creek 4-16H_APD Directional Report.pdf
400077403	PLAT	Lion Creek 04-16H Legal Plat.pdf
400077404	TOPO MAP	Lion Creek 04-16H Topo Map.pdf

Total Attach: 4 Files