

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:

400031012

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: Nick Mathis Phone: (303)262-2894 Fax: (303)262-2895Email: Nick Mathis@eogresources.com7. Well Name: Garden Creek Well Number: 11-18H

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

9. Proposed Total Measured Depth: 12077

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 11 Twp: 11N Rng: 62W Meridian: 6Latitude: 40.917000 Longitude: -104.356003
 Footage at Surface: 600 FNL/FSL FSL FEL/FWL 600 FEL
11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 5234 13. County: WELD

14. GPS Data:

Date of Measurement: 12/21/2009 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 979 FSL 913 FEL/FWL 600 FNL 1000 FEL/FWL FWL
 Sec: 18 Twp: 11N Rng: 62W Sec: 18 Twp: 11N Rng: 62W
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 600 ft18. Distance to nearest property line: 600 ft 19. Distance to nearest well permitted/completed in the same formation: 11246 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	NA		NA

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):
Section 18: Lots 1(39.30), 2(39.50), 3(39.70), 4(39.90), E/2 W/2, a/d/a W/2

25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 318

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+1/6			60		0	0
SURF	13+1/2	9+5/8	36	1,200	680	1,200	0
1ST	8+3/4	7	23	7,444	775	7,444	0
1ST LINER	6+1/4	4+1/2	11.6	12,077	405	12,077	6,595

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: Nick Mathis

Title: Regulatory Assistant Date: _____ Email: Nick_Mathis@eogresources.co

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
400031036	WELL LOCATION PLAT	Garden Creek 11-18H Well Location Plat.pdf
400031037	TOPO MAP	Garden Creek 11-18H Topo Map.pdf
400031039	SURFACE AGRMT/SURETY	Garden Creek 11-18H SUA SUB.pdf
400031040	DRILLING PLAN	Garden Creek 11-18H Drlg Plan.pdf
400031041	DEVIATED DRILLING PLAN	Garden Creek 11-18H_directional plot.pdf
400031042	DEVIATED DRILLING PLAN	Garden Creek 11-18H_directional report.pdf

Total Attach: 6 Files