

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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Document Number:

400029116

Plugging Bond Surety

20030058

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 ☐

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: Nick Mathis Phone: (303)262-2894 Fax: (303)262-2895

Email: Nick.Mathis@eogresources.com

7. Well Name: Garden Creek Well Number: 2-06H

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

9. Proposed Total Measured Depth: 12127

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 6 Twp: 11N Rng: 62W Meridian: 6

Latitude: 40.946814 Longitude: -104.355875

Footage at Surface: 600 FNL/FSL FSL 599 FEL/FWL FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5303 13. County: WELD

14. GPS Data:

Date of Measurement: 12/22/2009 PDOP Reading: 2.1 Instrument Operator's Name: Uintah Engineering & Land Surveying

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

Footage at Top of Prod Zone: FNL/FSL 940 FSL 964 FEL/FWL 1000 FNL 600 FWL 600
Sec: 6 Twp: 11N Rng: 62W Sec: 6 Twp: 11N Rng: 62W

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: 583 ft

18. Distance to nearest property line: 599 ft 19. Distance to nearest well permitted/completed in the same formation: 5013 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		640	ALL

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 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):
Please see attached description

25. Distance to Nearest Mineral Lease Line: 599 ft 26. Total Acres in Lease: 3511

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+0/0	16		60		0	0
SURF	13+1/2	9+5/8	36	1,350	705	1,350	0
2ND	8+3/4	7	23	7,548	800	7,548	0
1ST LINER	6+1/4	4+1/2	11.6	12,127	400	12,127	6,698

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 Specialist Date: 1/19/2010 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: David S. Neslin Director of COGCC Date: 3/11/2010

API NUMBER

05 123 31264 00

Permit Number: _____ Expiration Date: 3/9/2012

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.

COGCC ENG COA – SME 1) Provide 24 hr notice of MIRU to Bo Brown at 970-392-4124 or e-mail at bo.brown@state.co.us. 2) Set surface casing per Rule 317d, setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC. 3) If production casing is set, cement coverage shall be at a minimum from the production casing shoe to 200' above Niobrara. Verify all placed cement with cement bond log. 4) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Attachment Check List

Att Doc Num	Name	Doc Description
1760484	LEGAL/LEASE DESCRIPTION	LF@2430785 1760484
2098983	SURFACE CASING CHECK	LF@2241716 2098983
400030119	SURFACE AGRMT/SURETY	LF@2220813 400030119
400030120	TOPO MAP	LF@2220814 400030120
400030121	WELL LOCATION PLAT	LF@2220815 400030121
400030124	DEVIATED DRILLING PLAN	LF@2220816 400030124
400030126	DEVIATED DRILLING PLAN	LF@2220817 400030126
400030221	LEGAL/LEASE DESCRIPTION	LF@2220818 400030221
400030222	FORM 2 SUBMITTED	LF@2220819 400030222

Total Attach: 9 Files