

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:

400212668

PluggingBond SuretyID

20030058

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☐ OTHER ☐ Monitor Well  
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

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: Nanette Lupcho Phone: (435)781-9157 Fax: (435)789-7633

Email: nanette\_lupcho@eogresources.com

7. Well Name: Garden Creek Well Number: 32-07M

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

9. Proposed Total Measured Depth: 8050

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 7 Twp: 11N Rng: 62W Meridian: 6

Latitude: 40.934336 Longitude: -104.361981

Footage at Surface: 1529 feet FSL 2266 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5265 13. County: WELD

14. GPS Data:

Date of Measurement: 09/23/2011 PDOP Reading: 2.1 Instrument Operator's Name: Robert L Kay

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

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL

Sec:  Twp:  Rng:  Sec:  Twp:  Rng:

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: 1419 ft

18. Distance to nearest property line: 270 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 88 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.)
Codell	CODL			

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):

The proposed wellbore will be used as a monitor well for Garden Creek 4-07H and Garden Creek 28-07H. SE/4 Sec 7

25. Distance to Nearest Mineral Lease Line: 202 ft

26. Total Acres in Lease: 320

### 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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☒ Offsite ☐ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☒ Disposal Facility Other: \_\_\_\_\_

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	20	16	42	0	60	50	60	0
SURF	13+1/2	9+5/8	36	0	1,320	690	1,320	0
1ST LINER	7+7/8	9+5/8	17	0	8,050	970	8,050	0

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

33. Comments EOG Resources, Inc. will not establish hydrocarbon production from the Garden Creek 32-07M wellbore. The proposed wellbore will be used as a monitor well for Garden Creek 4-07H and Garden Creek 28-07H. Distance to nearest well permitted/completed in the same formation was calculated from the SHL of the Solomon #1, to the SHL of the proposed Garden Creek 32-07M.

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: Nanette Lupcho

Title: Regulatory Assistant

Date: 10/7/2011

Email: nanette\_lupcho@eogresources.

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. Nesline

Director of COGCC

Date: 11/1/2011

#### API NUMBER

05 123 34636 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/31/2013

#### 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.

- 1) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us .
- 2) Provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.

Anti-collision: Prior to drilling operations, Operator will perform an anti-collision scan of existing offset wells that have the potential of being within close proximity of the proposed well. This anti-collision scan will include definitive MWD or gyro surveys of the offset wells with included error of uncertainty per survey instrument, and compared against the proposed wellpath with its respective error of uncertainty. This well is 88 feet from the lateral of the Garden Creek 4-07H which if drilled later will be required to perform the anti collision scan.

### **Attachment Check List**

Att Doc Num	Name
400212668	FORM 2 SUBMITTED
400212686	PLAT
400212687	DRILLING PLAN
400212688	TOPO MAP
400212797	OTHER
400213499	SURFACE AGRMT/SURETY

Total Attach: 6 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	No LGD or public comment received; final review completed.	11/1/2011 1:58:27 PM
Permit	Operator provided correspondence addressing the issue that this well is a monitor well and will not be completed.	10/31/2011 10:13:03 AM
Permit	Well is 88 feet from the lateral of the Garden Creek 4-07H	10/11/2011 5:51:02 PM
Permit	Operator added right to construct data. Form has passed completeness.	10/11/2011 3:48:07 PM
Permit	Returned to draft. Missing right to construct info.	10/11/2011 2:45:52 PM
Permit	Returned to draft. Missing conductor statement and right to construct information.	10/11/2011 6:48:10 AM

Total: 6 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>

Total: 0 comment(s)