

FORM
2

Rev
12/05

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400145982

Date Received:

07/26/2011

PluggingBond SuretyID

20030058

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL GAS COALBED OTHER _____
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: Geary Creek Well Number: 13-21H

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

9. Proposed Total Measured Depth: 11514

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 21 Twp: 10N Rng: 63W Meridian: 6

Latitude: 40.815408 Longitude: -104.431225

Footage at Surface: 623 feet FSL 416 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5170 13. County: WELD

14. GPS Data:

Date of Measurement: 12/20/2010 PDOP Reading: 1.6 Instrument Operator's Name: Robert 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 _____
1047 FSL 638 FEL 600 FNL 2558 FEL
Sec: 21 Twp: 10N Rng: 63W Sec: 21 Twp: 10N Rng: 63W

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: 5597 ft

18. Distance to nearest property line: 416 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2100 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	535-162	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#: 20090114

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):

Township 10 North, Range 63 West of the 6th P.M. Section 21: E2

25. Distance to Nearest Mineral Lease Line: 1 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	1,220	635	1,220	0
1ST	8+3/4	7	23	0	7,430	785	7,430	0
1ST LINER	6	4+1/2	11.6	6680	11,514	300	11,514	6,680

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

33. Comments A spacing unit application has been Filed. The distance to the nearest well was calculated from the BHL of the proposed EOG Resources Geary Creek 13-21H to the Geary Creek 12-16H SHL.

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: 7/26/2011 Email: Nanette_Lupcho@eogresource

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 9/13/2012

API NUMBER
05 123 36062 00

Permit Number: _____ Expiration Date: 9/12/2014

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 notice of MIRU via an electronic Form 42.
 2) Comply with Rule 317.i and provide cement coverage from the 7" casing TD to a minimum of 200' above the Niobrara. Verify coverage with a cement bond log.

Attachment Check List

Att Doc Num	Name
2568881	SURFACE CASING CHECK
400145982	FORM 2 SUBMITTED
400146037	DEVIATED DRILLING PLAN
400146038	DRILLING PLAN
400146039	TOPO MAP
400146040	PLAT

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	9/10/2012 2:43:31 PM
Permit	Input spacing order from July hearing.	9/10/2012 2:43:16 PM
Production	Continued to July 2012 hearing.	4/23/2012 2:04:59 PM
Permit	Spacing App on docket for March 2012.	12/28/2011 3:18:37 PM
Permit	No spacing App. appears to have been filed. Notified operator.	11/28/2011 2:12:47 PM
Permit	On hold - Pending approval of spacing unit App.	7/27/2011 8:17:45 AM

Total: 6 comment(s)

BMP

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

Total: 0 comment(s)