

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:

400389704

Date Received:

03/27/2013

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: Kaylene Gardner Phone: (435)781-9111 Fax: (435)789-7633

Email: Kaylene\_Gardner@eogresources.com

7. Well Name: Five Well Draw Well Number: 05-13H

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

9. Proposed Total Measured Depth: 11268

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 13 Twp: 9N Rng: 60W Meridian: 6

Latitude: 40.757061 Longitude: -104.048603

Footage at Surface: 260 feet FNL 290 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5020 13. County: WELD

14. GPS Data:

Date of Measurement: 12/06/2010 PDOP Reading: 1.5 Instrument Operator's Name: Robert Kay

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

Footage at Top of Prod Zone: 621 FNL 617 FWL 600 FSL 2639 FWL  
Sec: 13 Twp: 9N Rng: 60W Sec: 13 Twp: 9N Rng: 60W

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: 230 ft

18. Distance to nearest property line: 260 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1890 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	535-3	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):

Please see attached lease description.

25. Distance to Nearest Mineral Lease Line: 0 ft

26. Total Acres in Lease: 1360

### 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: 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	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	820	430	820	0
1ST	8+3/4	7	23	0	6,667	705	6,667	0
1ST LINER	6	4+1/2	11.6	5917	11,268	330	11,268	5,917

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

33. Comments The distance to the nearest well in the same formation and the distance to the nearest lease line have been updated. All other information in the original APD will remain the same.

34. Location ID: 421769

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: Kaylene Gardner

Title: Regulatory Supervisor

Date: 3/27/2013

Email: Kaylene\_Gardner@eogresourc

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: \_\_\_\_\_

Director of COGCC

Date: 4/27/2013

#### API NUMBER

05 123 33047 00

Permit Number: \_\_\_\_\_

Expiration Date: 4/26/2015

#### 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 48 hour notice prior to spud via electronic Form 42.
- 2) Provide cement coverage to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) 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.

### **Applicable Policies and Notices to Operators**

Notice Concerning Operating Requirements for Wildlife Protection.

### **Attachment Check List**

Att Doc Num	Name
400389704	FORM 2 SUBMITTED
400389753	DEVIATED DRILLING PLAN
400389754	LEGAL/LEASE DESCRIPTION
400389756	PLAT
400389757	TOPO MAP
400389887	DIRECTIONAL DATA
400389889	DRILLING PLAN

Total Attach: 7 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Per operator. EOG will refile the form 2A prior to the expiration date for the location. The location has not been built.	4/23/2013 2:38:46 PM
Permit	Final Review Completed. No LGD or public comment received.	4/18/2013 3:30:11 PM
Engineer	No existing wells within 500' of proposed directional.	4/17/2013 8:29:40 AM
Permit	Per operator corrected distance to nearest wellbore, added comment regarding changes to permit, and corrected distance to nearest lease line.	4/16/2013 7:46:50 AM
Permit	Horizontal wellbore crosses lease lines within drilling and spacing unit; distance to lease line is 0'; distance to unit boundary is 600'.	4/16/2013 7:46:43 AM
Permit	Per operator no changes have been made from the original APD which expired 2/28/13.	4/9/2013 12:41:06 PM
Permit	Requested updated distance to nearest wellbore and distance to nearest lease line. Initial review complete.	4/9/2013 11:38:15 AM
Permit	This form has passed completeness.	3/28/2013 9:14:23 AM

Total: 8 comment(s)

### **BMP**

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