

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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| DE | ET | OE | ES |
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Document Number:

400160661

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: Fiscus Mesa Well Number: 20-22H

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

9. Proposed Total Measured Depth: 10142

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 22 Twp: 9N Rng: 58W Meridian: 6

Latitude: 40.730872 Longitude: -103.850994

Footage at Surface: 501 feet FSL 2346 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4823 13. County: WELD

14. GPS Data:

Date of Measurement: 10/21/2010 PDOP Reading: 1.8 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 FNL/FSL Bottom Hole: FNL/FSL FNL/FSL
944 FSL 2166 FWL 600 FNL 600 FWL
Sec: 22 Twp: 9N Rng: 61W Sec: 22 Twp: 9N Rng: 58W

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: 285 ft

18. Distance to nearest property line: 501 ft 19. Distance to nearest well permitted/completed in the same formation: 1600 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#: 20090014

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: 600 ft

26. Total Acres in Lease: 2240

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 | 800 | 420 | 800 | 0 |
| 1ST | 8+3/4 | 7 | 23 | 0 | 6,064 | 645 | 6,064 | 0 |
| 1ST LINER | 6 | 4+1/2 | 11.6 | 5314 | 10,142 | 300 | 10,142 | 5,314 |

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

33. Comments EOG has requested to abandon the original APD for this well (API 05-123-33486-00) to be replaced with this APD. This application is part of a multi-well pad. The distance to nearest well permitted/completed in the same formation was determined from the BHL of this location to the SHL of the Noble Energy Rohn PC LD 16-96HZ, API No. 05-123-33023.

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: Kaylene Gardner

Title: Sr. Regulatory Admin. Date: 5/19/2011 Email: Kaylene_Gardner@

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. Nashin

Director of COGCC Date: 8/16/2011

API NUMBER

05 123 34152 00

Permit Number: _____ Expiration Date: 8/15/2013

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 Colby Horton at 970-467-2517 or e-mail at colby.horton@state.co.us.
- 2) Provide cement coverage from base of intermediate casing 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.

Attachment Check List

| Att Doc Num | Name |
|-------------|-------------------------|
| 2568887 | SURFACE CASING CHECK |
| 400160661 | FORM 2 SUBMITTED |
| 400160663 | DRILLING PLAN |
| 400160664 | DEVIATED DRILLING PLAN |
| 400160665 | PLAT |
| 400160667 | TOPO MAP |
| 400161692 | LEGAL/LEASE DESCRIPTION |

Total Attach: 7 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|---|----------------------------|
| Permit | Back to draft for Form 4 removal. sf | 5/20/2011 10:45:18 AM |
| Permit | Back to draft at request of Opr-Nanette L. sf | 5/19/2011 3:57:43 PM |

Total: 2 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
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Total: 0 comment(s)