

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:

400200064

PluggingBond SuretyID

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: Jennifer Yu Phone: (303)824-5576 Fax: (303)824-5577

Email: jennifer_yu@eogresources.com

7. Well Name: Indian Creek Well Number: 01-05H

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

9. Proposed Total Measured Depth: 11062

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 5 Twp: 6N Rng: 78W Meridian: 6

Latitude: 40.512519

Longitude: -106.166042

Footage at Surface: 220 feet FSL 2020 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 8614 13. County: JACKSON

14. GPS Data:

Date of Measurement: 12/01/2010 PDOP Reading: 2.4 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
665 FSL 1875 FEL 600 FNL 600 FEL
Sec: 5 Twp: 6N Rng: 78W Sec: 5 Twp: 6N Rng: 78W

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: 2230 ft

18. Distance to nearest property line: 220 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 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 #: COC65580

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):

See attached lease

25. Distance to Nearest Mineral Lease Line: 600 ft

26. Total Acres in Lease: 2281

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 | 12+1/4 | 9+5/8 | 36 | 0 | 800 | 270 | 800 | 0 |
| 1ST | 8+3/4 | 7 | 23 | 0 | 6,831 | 710 | 6,831 | 0 |
| 1ST LINER | 6 | 4+1/2 | 11.6 | 6081 | 11,062 | 310 | 11,062 | 6,081 |

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

33. Comments A federal unit application has been filed.

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: Jennifer Yu

Title: Regulatory Administrator Date: 8/26/2011 Email: jennifer_yu@eogresources.com

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: 11/6/2011

API NUMBER

05 057 06516 00

Permit Number: _____ Expiration Date: 11/5/2013

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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) THE SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 -MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 180 FEET DEEP.

(3) PROVIDE CEMENT COVERAGE FROM THE INTERMEDIATE CASING SHOE TO A MINIMUM OF 200' ABOVE SHALLOWEST-KNOWN PRODUCING HORIZON. VERIFY CEMENT WITH A CEMENT BOND LOG.

•IF THE PRODUCTION LINER IS CEMENTED, VERIFY CEMENT WITH A CEMENT BOND LOG.

Attachment Check List

| Att Doc Num | Name |
|-------------|-------------------------|
| 1694370 | FED. DRILLING PERMIT |
| 1694371 | SURFACE PLAN |
| 400200064 | FORM 2 SUBMITTED |
| 400200147 | PLAT |
| 400200150 | TOPO MAP |
| 400200154 | LEGAL/LEASE DESCRIPTION |
| 400200156 | DRILLING PLAN |
| 400200157 | DEVIATED DRILLING PLAN |

Total Attach: 8 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|--|----------------------------|
| Permit | Final Review Completed. No LGD or public comment received. | 11/4/2011 9:37:01 AM |
| Permit | ON HOLD: w/o 2A. OK to pass. | 10/11/2011 10:47:14 AM |
| Permit | Received and attached federal permit. | 9/7/2011 3:57:54 PM |
| Permit | Requesting copy of federal permit. | 9/6/2011 10:37:05 AM |
| Permit | Returned to draft. Well is not in weld county. | 8/26/2011 9:47:44 AM |

Total: 5 comment(s)

BMP

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