

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:

2093291

Plugging Bond Surety

20030058

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER _____
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐

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: CRITTER CREEK Well Number: 2-03H

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

9. Proposed Total Measured Depth: 11917

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 3 Twp: 11N Rng: 63W Meridian: 6

Latitude: 40.945800 Longitude: -104.411789

Footage at Surface: 600 FNL/FSL FSL FEL/FWL 600 FEL FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 5271.2 13. County: WELD

14. GPS Data:

Date of Measurement: 11/17/2009 PDOP Reading: 1.7 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 776 FSL 1044 FEL 2400 FEL/FWL 600 FWL 600
Sec: 3 Twp: 11N Rng: 63W Sec: 3 Twp: 11N 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: 600 ft

18. Distance to nearest property line: 600 ft 19. Distance to nearest well permitted/completed in the same formation: 5150 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			

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):
SEC. 3, LOTS 1,2,3,4, S/2N2, S/2 (ALL), SEC. 4, S/2N/2, S/2 SEC. 5, S/2, SEC. 9 (ALL) SEC. 10 W/2 OF T11N, R63W, 6TH PM

25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 2403

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: BACKFILL&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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	20	16		60		0	0
SURF	13+1/2	9+5/8	36	1,400	730	1,400	0
1ST	8+3/4	7	23	7,680	810	7,680	0
2ND	6+1/4	4+1/2	11.6	6,830	360	11,917	6,830

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

33. Comments _____

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 Date: 12/18/2009 Email: JENNIFER.YU@EOGRESOUR

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. Neslin Director of COGCC Date: 1/24/2010

API NUMBER 05 123 31047 00	Permit Number: _____	Expiration Date: 1/23/2012
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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 Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us. 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 4) Comply with Rule 321. 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	Doc Description
1725446	SURFACE CASING CHECK	LF@2208685 1725446.00000
2093293	WELL LOCATION PLAT	LF@2200349 2093293
2093294	TOPO MAP	LF@2200350 2093294
2093295	DEVIATED DRILLING PLAN	LF@2200351 2093295
2093296	DRILLING PLAN	LF@2200352 2093296
400023516	FORM 2 SUBMITTED	LF@2205920 400023516
400034967	APD ORIGINAL	LF@2200348 400034967

Total Attach: 7 Files