

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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## 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 ☐

Document Number:

400105358

Plugging Bond Surety

20030058

3. Name of Operator: EOG RESOURCES INC4. COGCC Operator Number: 277425. Address: 600 17TH ST STE 1100NCity: DENVER State: CO Zip: 802026. Contact Name: Jennifer Yu Phone: (303)824-5576 Fax: (303)824-5577Email: jennifer\_yu@eogresources.com7. Well Name: Critter Creek Well Number: 15-19H

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

9. Proposed Total Measured Depth: 13184

## WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 19 Twp: 11N Rng: 63W Meridian: 6Latitude: 40.901994 Longitude: -104.468089
 Footage at Surface: 525 FNL/FSL FSL 501 FEL/FWL FEL
11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 13184 13. County: WELD

## 14. GPS Data:

Date of Measurement: 05/05/2010 PDOP Reading: 0.8 Instrument Operator's Name: Robert L. Kay15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 864 FSL 839 FEL/FWL 600 FNL 600 FEL/FWL 600  
 Sec: 19 Twp: 11N Rng: 63W Sec: 19 Twp: 11N Rng: 63W
16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 492 ft18. Distance to nearest property line: 501 ft 19. Distance to nearest well permitted/completed in the same formation: 1515 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	421-3	640	

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#: \_\_\_\_\_

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 Bon ☐ \$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 description. 640 acres of the 5124 acres from the lease description is pertinent to the referenced well.

25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 5124

### 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 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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	20	16	42	60	50	60	0
SURF	13+1/2	9+5/8	36	1,450	755	1,450	0
1ST	8+3/4	7	23	7,780	820	7,780	0
1ST LINER	6	4+1/2	11.6	13,184	380	13,184	7,030

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 Administrator Date: \_\_\_\_\_ 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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

API NUMBER

05

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.

**Attachment Check List**

Att Doc Num	Name	Doc Description
400106553	LEASE MAP	Critter Creek 15-19H Lease Description.pdf
400106690	PLAT	CRITTER CREEK #15-19H Plat.pdf
400106692	DRILLING PLAN	Critter Creek 15-19H_APD Drilling Plan REV 10-29-10.pdf
400106693	DEVIATED DRILLING PLAN	Critter Creek 15-19H_APD Dir Rpt Rev 10-29-10.pdf
400106694	TOPO MAP	CRITTER CREEK #15-19H Topo.pdf

Total Attach: 5 Files