

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:

400196848

PluggingBond SuretyID

20030058

## APPLICATION FOR PERMIT TO:

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

### 2. TYPE OF WELL

OIL  GAS  COALBED  OTHER lateral  
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: Nanette Lupcho Phone: (435)781-9157 Fax: (435)789-7633

Email: nanette\_lupcho@eogresources.com

7. Well Name: Elk creek Well Number: 8-03H

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

9. Proposed Total Measured Depth: 11540

## WELL LOCATION INFORMATION

10. QtrQtr: LOT 4 Sec: 3 Twp: 10N Rng: 62W Meridian: 6

Latitude: 40.870842 Longitude: -104.313694

Footage at Surface: 501 feet FNL 501 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5108 13. County: WELD

### 14. GPS Data:

Date of Measurement: 12/18/2010 PDOP Reading: 2.4 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 FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
924 FNL 710 FWL 600 FSL 2606 FWL  
Sec: 3 Twp: 10N Rng: 62W Sec: 3 Twp: 10N Rng: 62W

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: 480 ft

18. Distance to nearest property line: 501 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2500 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	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#: \_\_\_\_\_

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: 9155

### 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	1,110	580	1,110	0
1ST	8+3/4	9+5/8	23	0	7,213	765	7,213	0
1ST LINER	6	4+1/2	11.6	6463	11,540	315	11,540	6,463

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

33. Comments Distance to nearest well permitted/completed in the same formation was calculated from the SHL of the proposed Elk Creek 8-03H to the SHL of the Shorthorn 13-33H (05-123-31290).

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: Nanette Lupcho

Title: Regulatory Assistant Date: 8/17/2011 Email: nanette\_lupcho@eogresources.

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: 9/15/2011

**API NUMBER**  
05 123 34379 00

Permit Number: \_\_\_\_\_ Expiration Date: 9/14/2013

**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 Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us .
- SC 2) Set at least 2370' of surface casing, cement to surface.
- 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
2506046	SURFACE CASING CHECK
400196848	FORM 2 SUBMITTED
400196873	PLAT
400196874	DRILLING PLAN
400196876	DEVIATED DRILLING PLAN
400196877	TOPO MAP
400196882	LEGAL/LEASE DESCRIPTION

Total Attach: 7 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

**BMP**

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

Total: 0 comment(s)