

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		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table>	DE	ET	OE	ES
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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:
 400142128
 Plugging Bond Surety
 20030058

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: 10-14H
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 11191

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 14 Twp: 10N Rng: 62W Meridian: 6
 Latitude: 40.841536 Longitude: -104.285311
 Footage at Surface: 501 feet FNL 2144 feet FEL
FNL/FSL FEL/FWL
 11. Field Name: Wildcat Field Number: 99999
 12. Ground Elevation: 5049 13. County: WELD

14. GPS Data:
 Date of Measurement: 12/11/2010 PDOP Reading: 2.0 Instrument Operator's Name: Robert Kay

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: 951 FNL 1983 FEL Bottom Hole: 600 FSL 600 FEL
FNL/FSL FEL/FWL FNL/FSL FEL/FWL
 Sec: 14 Twp: 10N Rng: 62W Sec: 14 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: 2944 ft
 18. Distance to nearest property line: 2155 ft 19. Distance to nearest well permitted/completed in the same formation: 10500 ft

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			

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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):
Please see attached lease description.
25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 8768

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: 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	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	1,000	520	1,000	0
1ST	8+3/4	7	23	0	7,092	750	7,092	0
1ST LINER	6	4+1/2	11.6	6342	11,191	300	11,191	6,342

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: Nanette Lupcho
Title: Regulatory Assistant Date: 3/21/2011 Email: Nanette_Lupcho@eogresource

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: 4/12/2011

API NUMBER: **05 123 33332 00** Permit Number: _____ Expiration Date: 4/11/2013
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 hr notice of MIRU to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us.
- 2) Set surface casing per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC.
- 3) If completed, provide cement coverage from the intermediate casing shoe to a minimum of 200' above Niobrara. Verify cement with a cement bond log.
- 4) If hole is abandoned with production liner, then set 40 sks cement in casing at the intermediate casing shoe, cut off casing above top of cement.
- 5) If dry hole without production liner, then set 40 sks cement in open hole 50' above Niobrara top.
- 6) With either 4 or 5 above, set 50 sks cement ½ out, ½ in surface casing, 10 sks cement top of surface casing, cut 4' below ground level, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole.
- 7) 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
1726440	SURFACE CASING CHECK
400142128	FORM 2 SUBMITTED
400142129	DEVIATED DRILLING PLAN
400142130	DRILLING PLAN
400142131	PLAT
400142132	TOPO MAP
400142144	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)