

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:
 400151787
 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: Greasewood Well Number: 08-18H

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

9. Proposed Total Measured Depth: 10597

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 18 Twp: 6N Rng: 61W Meridian: 6

Latitude: 40.493764 Longitude: -104.251447

Footage at Surface: 501 feet FNL 2413 feet FEL
FNL/FSL FEL/FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4727 13. County: WELD

14. GPS Data:

Date of Measurement: 02/22/2011 PDOP Reading: 1.3 Instrument Operator's Name: Robert Kay

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: 942 FNL 2222 FEL Bottom Hole: 600 FSL 600 FEL
FNL/FSL FEL/FWL FNL/FSL FEL/FWL
 Sec: 18 Twp: 6N Rng: 61W Sec: 18 Twp: 6N Rng: 61W

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: 2413 ft

18. Distance to nearest property line: 1119 ft 19. Distance to nearest well permitted/completed in the same formation: 400 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	535-4	640	All

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 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: 1340

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	800	420	800	0
1ST	8+3/4	7	23	0	6,568	695	6,568	0
1ST LINER	6	4+1/2	11.6	5818	10,597	295	10,597	5,818

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

33. Comments Distance to nearest well permitted or completed in the same formation was determined from the SHL of this location to the SHL of the Bonanza Creek Operating Company LLC Mule Dear 31-18 API #05-123-24656. Operator requests approval of a Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Waiver attached.

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: 4/25/2011 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. Nashin Director of COGCC Date: 6/29/2011

Permit Number: _____ Expiration Date: 6/28/2013

API NUMBER

05 123 33780 00

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 Bo Brown via e-mail at bo.brown@state.co.us.
- 2) Provide cement coverage from TD 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
2112802	SURFACE CASING CHECK
2530691	EXCEPTION LOC WAIVERS
400151787	FORM 2 SUBMITTED
400153114	DRILLING PLAN
400153115	DEVIATED DRILLING PLAN
400153116	TOPO MAP
400153119	PLAT
400153120	LEGAL/LEASE DESCRIPTION

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Updated permit with new surface waiver.	5/31/2011 7:26:49 AM
Permit	On hold waiting on surface waivers	4/26/2011 9:31:24 AM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)