


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 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> Document Number: 400134943  Plugging Bond Surety 20030058	DE	ET	OE	ES
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>							
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>EOG RESOURCES INC</u>		4. COGCC Operator Number: <u>27742</u>					
5. Address: <u>600 17TH ST STE 1100N</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>							
6. Contact Name: <u>Nanette Lupcho</u> Phone: <u>(435)781-9157</u> Fax: <u>(435)789-7633</u> Email: <u>Nanette_Lupcho@eogresources.com</u>							
7. Well Name: <u>Dutch Lake</u>		Well Number: <u>03-03H</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>11319</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>Lot 4</u> Sec: <u>3</u> Twp: <u>6N</u> Rng: <u>62W</u> Meridian: <u>6</u> Latitude: <u>40.522517</u> Longitude: <u>-104.316964</u>							
Footage at Surface: <u>326</u> feet      FNL/FSL <u>FNL</u> <u>301</u> feet      FEL/FWL <u>FWL</u>							
11. Field Name: <u>Wildcat</u>		Field Number: <u>99999</u>					
12. Ground Elevation: <u>4862</u>		13. County: <u>WELD</u>					
14. GPS Data: Date of Measurement: <u>12/16/2010</u> PDOP Reading: <u>2.2</u> Instrument Operator's Name: <u>Robert Kay</u>							
15. If well is <input type="checkbox"/> Directional <input checked="" type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone:      FNL/FSL      FEL/FWL      Bottom Hole:      FNL/FSL      FEL/FWL <u>686</u> <u>FNL</u> <u>620</u> <u>FWL</u> <u>600</u> <u>FSL</u> <u>2639</u> <u>FWL</u> Sec: <u>3</u> Twp: <u>6N</u> Rng: <u>62W</u> Sec: <u>3</u> Twp: <u>6N</u> Rng: <u>62W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>298 ft</u>							
18. Distance to nearest property line: <u>301 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>4635 ft</u>							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
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#: 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 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):  
Township 6 North, Range 62 West of the 6th PM: Section 3: Lots 1-4, S/2N/2, Lot B of Record Exemption No. 797-03-2-RE-1384, Part of the E/2NE/4 more particularly described at Reception 2901960 of the Weld County, CO records; Section 10: S/2NE/4, E/2SE/4, Lot A of Recorded Exemption No. 0797-10-1-RE-2138, Lot B of Recorded Exemption No. 0797-10-1-RE-2138; Section 11: E/2

25. Distance to Nearest Mineral Lease Line: 600 26. Total Acres in Lease: 880

**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	800	420	800	0
1ST	8+3/4	7	23	0	6,845	725	6,845	0
1ST LINER	6	4+1/2	11.6	6095	11,319	325	11,319	6,095

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

33. Comments Spacing application has been filed.

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: 2/23/2011 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: 3/22/2011

Permit Number: \_\_\_\_\_ Expiration Date: 3/21/2013

**API NUMBER**

05 123 33184 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 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) 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
400134943	FORM 2 SUBMITTED
400135132	DEVIATED DRILLING PLAN
400135133	DRILLING PLAN
400135134	TOPO MAP
400135266	PLAT

Total Attach: 5 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	The previous permit by another operator will be suspended.	3/2/2011 10:55:53 AM
Permit	On hold-This is the second well application in this section. There is already an approved horizontal well by another operator in this section.	2/24/2011 11:10:13 AM

Total: 2 comment(s)

**BMP**

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

Total: 0 comment(s)