


<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>	DE	ET	OE	ES
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>			Document Number: <div style="text-align: center;">400126303</div> Plugging Bond Surety <div style="text-align: center;">20030058</div>				
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>Jennifer Yu</u> Phone: <u>(303)824-5576</u> Fax: <u>(303)824-5577</u> Email: <u>jennifer_yu@eogresources.com</u>							
7. Well Name: <u>Chaulk Bluffs</u>		Well Number: <u>02-19H</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>12706</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>NWNE</u> Sec: <u>19</u> Twp: <u>11N</u> Rng: <u>65W</u> Meridian: <u>6</u> Latitude: <u>40.912197</u> Longitude: <u>-104.704989</u>							
Footage at Surface: <u>501</u> feet    FNL/FSL <u>FNL</u> <u>2432</u> feet    FEL/FWL <u>FEL</u>							
11. Field Name: <u>Wildcat</u>		Field Number: <u>99999</u>					
12. Ground Elevation: <u>5596</u>		13. County: <u>WELD</u>					
14. GPS Data: Date of Measurement: <u>09/30/2010</u> PDOP Reading: <u>1.9</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 <div style="display: flex; justify-content: space-around;"> <span><u>944</u>    <u>FNL</u>    <u>2241</u>    <u>FEL</u></span> <span><u>600</u>    <u>FSL</u>    <u>600</u>    <u>FEL</u></span> </div> <div style="display: flex; justify-content: space-around;"> <span>Sec: <u>19</u>    Twp: <u>11N</u>    Rng: <u>65W</u></span> <span>Sec: <u>19</u>    Twp: <u>11N</u>    Rng: <u>65W</u></span> </div>							
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>490 ft</u>							
18. Distance to nearest property line: <u>143 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>9980 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	535-7	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 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. A spacing application has been filed.

25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 1899

**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	1,895	990	1,895	0
1ST	8+3/4	7	23	0	8,618	910	8,618	0
1ST LINER	6	4+1/2	11.6	7868	12,706	300	12,706	7,868

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 Admin. Date: 1/24/2011 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: David S. Nesline Director of COGCC Date: 4/17/2011

**API NUMBER**

05 123 33340 00

Permit Number: \_\_\_\_\_ Expiration Date: 4/16/2013

**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 Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us
- 2) Comply with Rule 317.i and h. Provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) 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
2111095	SURFACE CASING CHECK
2530198	WAIVERS
2530250	EXCEPTION LOC REQUEST
400126303	FORM 2 SUBMITTED
400126353	DEVIATED DRILLING PLAN
400126355	DRILLING PLAN
400126356	PLAT
400126357	TOPO MAP
400126614	LEGAL/LEASE DESCRIPTION

Total Attach: 9 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Operator requests exception location to property line Rule 603.a. Exception request letter and waiver are attached.	3/2/2011 3:20:09 PM
Permit	Received waiver; need request letter.	2/18/2011 11:29:43 AM
Permit	On hold pending outcome of spacing application in April	1/26/2011 5:52:35 AM
Permit	On Hold missing property line waivers and request letter.	1/26/2011 5:51:49 AM

Total: 4 comment(s)

### **BMP**

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

Total: 0 comment(s)