

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
DE	ET	OE	ES				
APPLICATION FOR PERMIT TO:			Document Number: 400141637 Plugging Bond Surety 20030058				
1. <input checked="" type="checkbox"/> Drill, <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>Lion Creek</u>		Well Number: <u>13-06H</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>12640</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>SESE</u> Sec: <u>6</u> Twp: <u>11N</u> Rng: <u>64W</u> Meridian: <u>6</u> Latitude: <u>40.943311</u> Longitude: <u>-104.582778</u>							
Footage at Surface: <u>301</u> feet <u>FSL</u> <u>501</u> feet <u>FEL</u> <small style="margin-left: 100px;">FNL/FSL</small> <small style="margin-left: 100px;">FEL/FWL</small>							
11. Field Name: <u>Wildcat</u>		Field Number: <u>99999</u>					
12. Ground Elevation: <u>5647</u>		13. County: <u>WELD</u>					
14. GPS Data: Date of Measurement: <u>02/15/2011</u> PDOP Reading: <u>1.2</u> Instrument Operator's Name: <u>Robert Kay</u>							
15. If well is <input type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) submit deviated drilling plan. Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL <u>747</u> <u>FSL</u> <u>713</u> <u>FEL</u> <u>600</u> <u>FNL</u> <u>2616</u> <u>FEL</u> Sec: <u>6</u> Twp: <u>11N</u> Rng: <u>64W</u> Sec: <u>6</u> Twp: <u>11N</u> Rng: <u>64W</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>301 ft</u>							
18. Distance to nearest property line: <u>301 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>5200 ft</u>							
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):
See the attached lease description.
25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 8662

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	1,900	990	1,900	0
1ST	8+3/4	7	23	0	8,283	875	8,283	0
1ST LINER	6	4+1/2	11.6	7533	12,640	315	12,640	7,533

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 Administrator Date: 3/11/2011 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. Neslin Director of COGCC Date: 4/6/2011

Permit Number: _____ Expiration Date: 4/5/2013
API NUMBER
05 123 33307 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 Ed Binkley at 970-506-9834 or e-mail at ed.binkley@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
2111231	SURFACE CASING CHECK
400141637	FORM 2 SUBMITTED
400141716	PLAT
400141717	TOPO MAP
400141718	DEVIATED DRILLING PLAN
400141719	DRILLING PLAN
400141725	LEGAL/LEASE DESCRIPTION

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	--Changed distance to nearest property line to match 2A as well as location drawing. Changed distance to nearest wellbore to bottom hole of 123-32371 to NW-2 miles to 5200'.	3/17/2011 12:58:56 PM

Total: 1 comment(s)

BMP

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

Total: 0 comment(s)