

<b>FORM</b> <b>2</b> Rev 12/05	State of Colorado <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
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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:  
 400151835  
 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: Jennifer Yu      Phone: (303)824-5576      Fax: (303)824-5577  
 Email: jennifer\_yu@eogresources.com  
 7. Well Name: Randall Creek      Well Number: 02-29H  
 8. Unit Name (if appl): \_\_\_\_\_      Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 12731

**WELL LOCATION INFORMATION**

10. QtrQtr: SESE      Sec: 29      Twp: 12N      Rng: 62W      Meridian: 6  
 Latitude: 40.974756      Longitude: -104.336578  
 Footage at Surface:      501 feet      FSL      501 feet      FEL  
FNL/FSL      FEL/FWL  
 11. Field Name: Wildcat      Field Number: 99999  
 12. Ground Elevation: 5348      13. County: WELD

14. GPS Data:  
 Date of Measurement: 01/14/2010      PDOP Reading: 1.2      Instrument Operator's Name: Robert Kay

15. If well is  Directional       Horizontal (highly deviated)      **submit deviated drilling plan.**  
 Footage at Top of Prod Zone:      886      FSL      805      FEL      Bottom Hole:      600      FNL      600      FWL  
FNL/FSL      FEL/FWL      FNL/FSL      FEL/FWL  
 Sec: 29      Twp: 12N      Rng: 62W      Sec: 29      Twp: 12N      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: 501 ft  
 18. Distance to nearest property line: 501 ft      19. Distance to nearest well permitted/completed in the same formation: 1240 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	421-1	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):  
See the attached mineral lease description.  
25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 5011

**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	1,415	649	1,415	0
1ST	8+3/4	7	23	0	7,514	852	7,514	0
1ST LINER	6	4+1/2	11.6	6682	12,731	650	12,731	6,682

32. BOP Equipment Type:  Annular Preventer  Double Ram  Rotating Head  None  
33. Comments The bottom hole location of the referenced well remains the same as the original permit (Doc # 400031468). Location #415877. This is the sidetrack to a lost hole 4/9/11.

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: 4/12/2011 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

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

**API NUMBER**  
05 123 31333 01

**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
400151835	FORM 2 SUBMITTED
400152858	LEGAL/LEASE DESCRIPTION
400153036	DEVIATED DRILLING PLAN

Total Attach: 3 Files

**General Comments**

User Group	Comment	Comment Date
Permit	Lost hole, mud motor left in hole. this is a sidetrack	4/13/2011 7:11:37 AM
Permit	No deviated drilling plan for this side-track, back to draft. sf	4/12/2011 9:39:37 AM

Total: 2 comment(s)

**BMP**

Type	Comment

Total: 0 comment(s)