

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



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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

Refilling   
Sidetrack

Document Number:  
400128113  
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: Kaylene Gardner Phone: (435)781-9111 Fax: (435)789-7633  
Email: Kaylene\_Gardner@eogresources.com

7. Well Name: Igo Creek Well Number: 16-22H

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 10591

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 22 Twp: 9N Rng: 59W Meridian: 6  
Latitude: 40.742042 Longitude: -103.971825

Footage at Surface: 501 feet FNL 501 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4916 13. County: WELD

14. GPS Data:

Date of Measurement: 12/03/2010 PDOP Reading: 1.7 Instrument Operator's Name: Robert Kay

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

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
929 FNL 719 FWL 600 FSL 2615 FWL  
Sec: 22 Twp: 9N Rng: 59W Sec: 22 Twp: 9N Rng: 59W

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: 490 ft

18. Distance to nearest property line: 501 ft 19. Distance to nearest well permitted/completed in the same formation: 2400 ft

20. 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	535-3	640	ALL

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):  
Please see attached lease description.

25. Distance to Nearest Mineral Lease Line: 929 ft 26. Total Acres in Lease: 3681

**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	6,374	675	6,374	0
1ST LINER	6	4+1/2	11.6	5624	10,591	305	10,591	5,624

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

33. Comments A 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: Kaylene Gardner

Title: Sr. Regulatory Admin. Date: 2/3/2011 Email: Kaylene\_Gardner@eogresourc

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: 3/3/2011

**API NUMBER**  
05 123 33080 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/2/2013

**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 hr notice of MIRU to Colby Horton at 970-370-0040 or colby.horton@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
400128113	FORM 2 SUBMITTED
400128210	DRILLING PLAN
400128212	DEVIATED DRILLING PLAN
400128213	PLAT
400128214	TOPO MAP
400128992	LEGAL/LEASE DESCRIPTION

Total Attach: 6 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	-----HOLD OFF FOR L. COLER	2/28/2011 6:00:00 PM
Permit	-----Nearest well changed to 123-32615---This interpretation/accuracy may be subject to change	2/7/2011 2:03:57 PM
Permit	---==Reviewed	2/7/2011 1:59:01 PM
Permit	On hold waiting on spacing application 1102-SP-06---	2/7/2011 1:04:07 PM

Total: 4 comment(s)

### **BMP**

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

Total: 0 comment(s)