

**APPLICATION FOR PERMIT TO:**

1.  **Drill,**       Deepen,       Re-enter,       Recomplete and Operate

2. TYPE OF WELL

OIL       GAS       COALBED       OTHER \_\_\_\_\_

SINGLE ZONE       MULTIPLE       COMMINGLE

Refiling   
Sidetrack

Document Number:  
400160661

PluggingBond SuretyID  
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: Fiscus Mesa      Well Number: 20-22H

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

9. Proposed Total Measured Depth: 10142

**WELL LOCATION INFORMATION**

10. QtrQtr: SESW      Sec: 22      Twp: 9N      Rng: 58W      Meridian: 6  
Latitude: 40.730872      Longitude: -103.850994

Footage at Surface:      501      feet      FSL      2346      feet      FWL

11. Field Name: Wildcat      Field Number: 99999

12. Ground Elevation: 4823      13. County: WELD

14. GPS Data:  
Date of Measurement: 10/21/2010      PDOP Reading: 1.8      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

944      FSL      2166      FWL      600      FNL      600      FWL

Sec: 22      Twp: 9N      Rng: 61W      Sec: 22      Twp: 9N      Rng: 58W

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: 285 ft

18. Distance to nearest property line: 501 ft      19. Distance to nearest well permitted/completed in the same formation: 1600 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	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#: 20090014

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 Bond       \$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: 600 ft 26. Total Acres in Lease: 2240

### 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: \_\_\_\_\_

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	6,064	645	6,064	0
1ST LINER	6	4+1/2	11.6	5314	10,142	300	10,142	5,314

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

33. Comments EOG has requested to abandon the original APD for this well (API 05-123-33486-00) to be replaced with this APD. This application is part of a multi-well pad. The distance to nearest well permitted/completed in the same formation was determined from the BHL of this location to the SHL of the Noble Energy Rohn PC LD 16-96HZ, API No. 05-123-33023.

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: 5/19/2011 Email: Kaylene\_Gardner@

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. Nashin Director of COGCC Date: 8/16/2011

<b>API NUMBER</b>
05 123 34152 00

Permit Number: \_\_\_\_\_ Expiration Date: 8/15/2013

**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 Colby Horton at 970-467-2517 or e-mail at colby.horton@state.co.us.
- 2) Provide cement coverage from base of intermediate casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) 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
2568887	SURFACE CASING CHECK
400160661	FORM 2 SUBMITTED
400160663	DRILLING PLAN
400160664	DEVIATED DRILLING PLAN
400160665	PLAT
400160667	TOPO MAP
400161692	LEGAL/LEASE DESCRIPTION

Total Attach: 7 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Back to draft for Form 4 removal. sf	5/20/2011 10:45:18 AM
Permit	Back to draft at request of Opr-Nanette L. sf	5/19/2011 3:57:43 PM

Total: 2 comment(s)

**BMP**

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

Total: 0 comment(s)