

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:
400144337

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: Jennifer Yu Phone: (303)824-5576 Fax: (303)824-5577
Email: jennifer_yu@eogresources.com

7. Well Name: Dutch Lake Well Number: 08-10H

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 10798

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 10 Twp: 6N Rng: 62W Meridian: 6
Latitude: 40.507503 Longitude: -104.317131

Footage at Surface: 519 feet FNL 230 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4772 13. County: WELD

14. GPS Data:
Date of Measurement: 12/16/2010 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

1143 FNL 605 FWL 600 FSL 2636 FWL

Sec: 10 Twp: 6N Rng: 62W Sec: 10 Twp: 6N 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: 932 ft

18. Distance to nearest property line: 1634 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2080 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	535-4	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 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: 1680

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	6,756	715	6,756	0
1ST LINER	6	4+1/2	11.6	6033	10,798	295	10,798	6,033

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

33. Comments EOG exception application to rule 318Aa was approved Jan /2012 Rule 407-529

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: 4/4/2011 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: 1/29/2012

API NUMBER
05 123 35000 00

Permit Number: _____ Expiration Date: 1/28/2014

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 spud 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) 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.

Operator must meet water well sampling requirements as per Rule 318A.

Attachment Check List

Att Doc Num	Name
2111677	SURFACE CASING CHECK
400144337	FORM 2 SUBMITTED
400146604	DRILLING PLAN
400146606	DEVIATED DRILLING PLAN
400146607	PLAT
400146608	TOPO MAP
400147024	LEGAL/LEASE DESCRIPTION

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	EOG exception application to rule 318Aa was approved Jan /2012 Rule 407-529	1/26/2012 1:27:16 PM
Permit	Operator is applying via hearing (1112-sp-19) to allow the surface location to be outside the window.	11/17/2011 12:47:20 PM
Permit	Met with EOG on 7/27/2011. EOG says they are unable to get the waivers from the surface owner. We advised them that they would have to revise there application or revise there negotiating process with surface owner.	3/5/2011 8:20:26 AM
Permit	Requested an update on the progress of getting a signed waiver.	7/26/2011 7:37:28 AM
Permit	Operator FedEx waiver letters to surface owners today. Should be no problem getting signed.	7/7/2011 8:55:19 AM
Permit	Requested an update on the surface waivers or the permit will be withdrawn soon.	7/6/2011 1:01:41 PM
Permit	On hold waiting on surface waivers	4/13/2011 6:00:21 AM

Total: 7 comment(s)

BMP

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

Total: 0 comment(s)