

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:
400191498

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: Greasewood Well Number: 13-28H

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

9. Proposed Total Measured Depth: 11102

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 28 Twp: 6N Rng: 61W Meridian: 6
Latitude: 40.465725 Longitude: -104.222578

Footage at Surface: 270 feet FNL 309 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4686 13. County: WELD

14. GPS Data:
Date of Measurement: 05/31/2011 PDOP Reading: 1.5 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

650 FNL 603 FWL 600 FSL 2639 FWL

Sec: 28 Twp: 6N Rng: 61W Sec: 28 Twp: 6N Rng: 61W

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: 304 ft

18. Distance to nearest property line: 309 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 3062 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#: _____

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):

Section 28: NE/4, W/2, Section 33: N/2NW/4 of Township 6 North, Range 61 West, 6th P.M.

25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 560

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	6,591	700	6,591	0
1ST LINER	6	4+1/2	11.6	5841	11,102	325	11,102	5,841

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: 8/2/2011 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: 11/30/2011

API NUMBER
05 123 34771 00

Permit Number: _____ Expiration Date: 11/29/2013

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 Jim Precup at 303-469-1902 or e-mail at james.precup@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
2531486	EXCEPTION LOC WAIVERS
400191498	FORM 2 SUBMITTED
400191542	DEVIATED DRILLING PLAN
400191549	PLAT
400191551	TOPO MAP
400191552	DRILLING PLAN

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Updated permit with request and exception waiver.	11/30/2011 4:02:51 PM
Permit	On hold waiting on 318Aa surfac waivers.	3/3/2011 7:51:38 AM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)