

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:
400132096
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: Tree Creek Well Number: 01-04H

8. Unit Name (if appl): Wildcat Unit Number: 99999

9. Proposed Total Measured Depth: 12577

WELL LOCATION INFORMATION

10. QtrQtr: Lot 4 Sec: 4 Twp: 10N Rng: 65W Meridian: 6
Latitude: 40.868625 Longitude: -104.675178

Footage at Surface: 501 feet FNL 600 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5476 13. County: WELD

14. GPS Data:
Date of Measurement: 10/06/2010 PDOP Reading: 2.1 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
927 FNL 807 FWL 600 FSL 2638 FWL
Sec: 4 Twp: 10N Rng: 65W Sec: 4 Twp: 10N Rng: 65W

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: 510 ft
18. Distance to nearest property line: 501 ft 19. Distance to nearest well permitted/completed in the same formation: 2553 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	535-7	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):

Township 10N, Range 65W, 6th PM, Section 4: Lots 3, 4, S/2NW, SW,

25. Distance to Nearest Mineral Lease Line: 11 ft 26. Total Acres in Lease: 322

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	1,770	845	1,770	0
1ST	8+3/4	7	23	0	8,349	880	8,349	0
1ST LINER	6	4+1/2	11.6	7599	12,577	310	12,577	7,599

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 Admin. Date: 7/14/2011 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: 8/7/2011

API NUMBER
05 123 34105 00

Permit Number: _____ Expiration Date: 8/6/2013

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.

PROPOSED HORIZONTAL WELL BORE IS TO BE DRILLED INTO UNLEASED FEDERAL MINERALS. OPERATOR DISCUSSION WITH BLM REQUIRED: UNLEASED FEDERAL MINERALS CANNOT BE DRILLED UPON/PRODUCED REGARDLESS OF SPACING ORDER: REQUIRED SETBACKS TO BE MAINTAINED---INTERAGENCY DISCUSSION PURSUANT TO MOU COGCC,BLM,USFS 6-24-09 H.2.d

- 1)Note surface casing setting depth change from 1625' to 1770'. Increase cement coverage accordingly and cement to surface.
- 2)Provide 48 hour notice of MIRU to Bo Brown via e-mail at bo.brown@state.co.us.
- 3)Comply with Rule 317.i and provide cement coverage from the end of the production casing to a minimum of 200' above the Niobrara. Verify coverage with cement bond log.
- 4)Comply with Rule 321. Run and submit Directional Survey from the end of production casing 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
2481033	SURFACE CASING CHECK
400132096	APD APPROVED
400132097	DEVIATED DRILLING PLAN
400132099	LEGAL/LEASE DESCRIPTION
400132100	WELL LOCATION PLAT
400132101	TOPO MAP
400185302	DRILLING PLAN
400192949	FORM 2 SUBMITTED

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	BLM notified.	7/18/2011 5:40:00 AM

Total: 1 comment(s)

BMP

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

Total: 0 comment(s)