

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:
400199729
PluggingBond SuretyID

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: Peterson Ridge Well Number: 01-20H

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

9. Proposed Total Measured Depth: 11025

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 20 Twp: 8N Rng: 80W Meridian: 6
Latitude: 40.644586 Longitude: -106.394469

Footage at Surface: 219 feet FSL 1820 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 8113 13. County: JACKSON

14. GPS Data:
Date of Measurement: 11/30/2010 PDOP Reading: 1.2 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

678 FSL 1692 FEL 600 FNL 600 FEL

Sec: 20 Twp: 8N Rng: 80W Sec: 20 Twp: 8N Rng: 80W

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: 261 ft

18. Distance to nearest property line: 1525 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 3 mi

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		640	All

21. Mineral Ownership: Fee State Federal Indian Lease #: COC65607

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):

See attached lease description

25. Distance to Nearest Mineral Lease Line: 2463 ft 26. Total Acres in Lease: 600

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	0	50	60	0
SURF	12+1/4	9+5/8	36	0	800	270	800	0
1ST	8+3/4	7	23	0	6,896	730	6,896	0
1ST LINER	6	4+1/2	11.6	6146	11,025	300	11,025	6,146

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

33. Comments A federal unit 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: Jennifer Yu

Title: Regulatory Administrator Date: 8/26/2011 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. Nashin Director of COGCC Date: 11/6/2011

API NUMBER
05 057 06515 00

Permit Number: _____ Expiration Date: 11/5/2013

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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) THE SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 -MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 160 FEET DEEP.

(3) PROVIDE CEMENT COVERAGE FROM THE INTERMEDIATE CASING SHOE TO A MINIMUM OF 200' ABOVE SHALLOWEST-KNOWN PRODUCING HORIZON. VERIFY CEMENT WITH A CEMENT BOND LOG.
 •IF THE PRODUCTION LINER IS CEMENTED, VERIFY CEMENT WITH A CEMENT BOND LOG.

Attachment Check List

Att Doc Num	Name
1694372	FED. DRILLING PERMIT
1694373	SURFACE PLAN
400199729	FORM 2 SUBMITTED
400200048	TOPO MAP
400200049	DEVIATED DRILLING PLAN
400200050	DRILLING PLAN
400200273	WELL LOCATION PLAT
400200274	LEGAL/LEASE DESCRIPTION

Total Attach: 8 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed. No LGD or public comment received.	11/4/2011 9:43:47 AM
Permit	ON HOLD: w/o 2A. OK to pass.	10/11/2011 10:36:53 AM
Permit	Received and attached federal permit. corrected property line to 1525' per operator.	3/7/2011 3:52:15 PM
Permit	Requesting confirmation of property line and copy of federal permit.	9/6/2011 10:29:16 AM

Total: 4 comment(s)

BMP

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

Total: 0 comment(s)