

FORM
2
Rev
12/05

State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400077397

Plugging Bond Surety

20030058

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL
 OIL GAS COALBED OTHER _____
 SINGLE ZONE MULTIPLE ZONE COMMINGLE ZONE

Refiling
Sidetrack

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)824-5576
 Email: jennifer_yu@eogresources.com
 7. Well Name: Lion Creek Well Number: 03-14H
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 13069

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 14 Twp: 11N Rng: 64W Meridian: 6
 Latitude: 40.914783 Longitude: -104.505069
 Footage at Surface: 501 FNL/FSL FNL 601 FEL/FWL FEL
 11. Field Name: Wildcat Field Number: 99999
 12. Ground Elevation: 5344 13. County: WELD

14. GPS Data:
 Date of Measurement: 05/12/2010 PDOP Reading: 2.3 Instrument Operator's Name: Uintah Engineering & Land Surveying

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 _____
839 FSL 938 FEL 600 FNL 600 FWL
 Sec: 14 Twp: 11N Rng: 64W Sec: 14 Twp: 11N Rng: 64W

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: 501 ft
 18. Distance to nearest property line: 501 19. Distance to nearest well permitted/completed in the same formation: 5280 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	N/A		

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 Bon \$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):
All of Section 14, T11N, R64W, NW of Section 15, T11N, R64W

25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 800

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? Yes No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal: Offsite Onsite

Method: Land Farming Land Spreading Disposal Facility Other: Back fill 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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	20+1/16		42	60	50	60	0
SURF	13+1/2	9+5/8	36	1,545	805	1,545	0
1ST	8+3/4	7	23	7,630	805	7,630	0
1ST LINER	6+1/4	4+1/2	11.6	13,069	380	13,069	6,880

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: Lead Regulatory Assistant Date: _____ 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: _____ Director of COGCC Date: _____

Permit Number: _____ Expiration Date: _____

API NUMBER

05

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.

Attachment Check List

Att Doc Num	Name	Doc Description
400077412	DEVIATED DRILLING PLAN	Lion Creek 3-14H_APD Directional Report.pdf
400077413	DRILLING PLAN	Lion Creek 03-14_APD Drilling Plan.pdf
400077414	PLAT	LION CREEK 03-14H Legal Plat.pdf
400077415	TOPO MAP	LION CREEK 03-14H Topo Map.pdf

Total Attach: 4 Files