

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:

400036904

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: Nick Mathis Phone: (303)262-2894 Fax: (303)262-2895

Email: 2Nick_Mathis@eogresources.com

7. Well Name: Surprise Well Number: 04-06H

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

9. Proposed Total Measured Depth: 11446

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 6 Twp: 6N Rng: 80W Meridian: 6

Latitude: 40.512561 Longitude: -106.416789

Footage at Surface: 382 FNL/FSL FSL 2025 FEL/FWL FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 8218 13. County: JACKSON

14. GPS Data:

Date of Measurement: 04/30/2008 PDOP Reading: 3.0 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 616 FNL 2016 FWL 620 FEL/FWL 620 FWL 620
Sec: 7 Twp: 6N Rng: 80W Sec: 7 Twp: 6N 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: 631 ft

18. Distance to nearest property line: 396 ft 19. Distance to nearest well permitted/completed in the same formation: 1311 ft

20. 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	531-2	623	All

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: Fee/Fed
65600

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 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):
Lot 5-13, S2SE Section 5, Lot J, Lot 8-12, S2NE Section 6, Lot 5-7, N2SE, SESE Section 7, SWNE, SW/4, W2SE Section 8, SENE, SWSW, NESE Section 9, SENE, S/2 Section 17, Lot 5, NENE, S2NE Section 18, T6N R80W of the 6th P.M.

25. Distance to Nearest Mineral Lease Line: 396 26. Total Acres in Lease: 1231

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: 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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	20	16		60		60	0
SURF	12+1/4	9+5/8	36	800	325	800	0
1ST	8+3/4	7	23	7,294	570	7,294	0
1ST LINER	6+1/4	4+1/2	11.6	11,446	530	11,446	5,940

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

33. Comments _____

34. Location ID: 333331

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: Nick Mathis

Title: Regulatory Assistant Date: 2/11/2010 Email: nick_mathis@eogresources.co

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: 4/13/2010

API NUMBER

05 057 06480 00

Permit Number: _____ Expiration Date: 4/12/2012

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)24-HOUR SPUD NOTICE REQUIRED.E-MAIL Shaun.Kellerby@state.co.us (2)RESERVE PIT MUST BE LINED.
(3)CEMENT-TOP VERIFICATION BY CBL REQUIRED. (4)OPERATOR MUST ENSURE 110 PERCENT
SECONDARY CONTAINMENT FOR ANY VOLUME OF FLUIDS CONTAINED AT WELL-SITE DURING DRILLING
AND COMPLETION OPERATIONS.IF FLUIDS ARE CONVEYED VIA PIPELINE, OPERATOR MUST IMPLEMENT
BEST-MANAGEMENT-PRACTICES TO CONTAIN ANY UNINTENTIONAL RELEASE OF FLUIDS. (5)THE
PROPOSED 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 120 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
400036950	WELL LOCATION PLAT	LF@2428911 400036950
400036951	DRILLING PLAN	LF@2428912 400036951
400036952	DEVIATED DRILLING PLAN	LF@2428913 400036952
400036953	DEVIATED DRILLING PLAN	LF@2428914 400036953
400038241	TOPO MAP	LF@2428915 400038241
400039459	FORM 2 SUBMITTED	LF@2428916 400039459

Total Attach: 6 Files