

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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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 ☐

Document Number:

400038310

Plugging Bond Surety

20030058

3. Name of Operator: EOG RESOURCES INC4. COGCC Operator Number: 277425. Address: 600 17TH ST STE 1100NCity: DENVER State: CO Zip: 802026. Contact Name: Amber Schaller Phone: (303)824-5582 Fax: (303)824-5583Email: amber_schaller@eogresources.com7. Well Name: Longhorn C Well Number: 5-36H

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

9. Proposed Total Measured Depth: 11352

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 36 Twp: 12N Rng: 63W Meridian: 6Latitude: 40.960517 Longitude: -104.381514

		FNL/FSL		FEL/FWL
Footage at Surface:	<u>667</u>	<u>FSL</u>	<u>2555</u>	<u>FWL</u>

11. Field Name: Hereford Field Number: 3420012. Ground Elevation: 5342.9 13. County: WELD

14. GPS Data:

Date of Measurement: 01/22/2010 PDOP Reading: 1.9 Instrument Operator's Name: Uintah Engineering & Land Surveying15. 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
<u>1160</u>	<u>FSL</u>	<u>2550</u>	<u>600</u>	<u>FNL</u>	<u>2200</u>
		<u>FWL</u>			<u>FWL</u>
Sec: <u>36</u>	Twp: <u>12N</u>	Rng: <u>63W</u>	Sec: <u>36</u>	Twp: <u>12N</u>	Rng: <u>63W</u>

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 1418 ft18. Distance to nearest property line: 654 ft 19. Distance to nearest well permitted/completed in the same formation: 20 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			

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 231151-000

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 Section 36, T12N, R63W, 6th meridian.

25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 640

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	13+1/2	9+5/8	36 Lbs	1,425	740	1,425	0
1ST	8+3/4	7	23 Lbs	7,736	820	7,736	0
1ST LINER	6+1/4	4+1/2	11.6 Lbs	11,352	315	11,352	6,900

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

33. Comments CDOW Consultation was conducted on 1/25/2010. Docket number for this infill well has not been assigned but is linked to EOG's 640 spacing application, Docket # 1002-SP-06. This proposed well will share a pad with the Longhorn B 3-36H, API # 05-123-30586-00 and the proposed Longhorn G 4-36H.

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: Amber Schaller

Title: Regulatory Assistant Date: _____ Email: amber_schaller@eogresources.

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
400041918	PLAT	Plat.pdf
400041919	MULTI-WELL PLAN	Longhorn Pad Well Plans.pdf
400041920	TOPO MAP	Topo Map.pdf
400041921	DEVIATED DRILLING PLAN	Diviated Drilling Plan.pdf
400041922	DRILLING PLAN	Longhorn C 5-36H Drlg Plan.pdf

Total Attach: 5 Files