

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:

1758464

Plugging Bond Surety

20050061

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: GREAT WESTERN OIL & GAS COMPANY LLC

4. COGCC Operator Number: 10110

5. Address: 503 MAIN ST

City: WINDSOR State: CO Zip: 80550

6. Contact Name: JEFFREALE Phone: (970)686-8831 Fax: (866)413-3354

Email: JREALE@GWOGCO.COM

7. Well Name: WITMAN Well Number: 2-34

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

9. Proposed Total Measured Depth: 7400

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 2 Twp: 4N Rng: 67W Meridian: 6

Latitude: 40.336050 Longitude: -104.855050

Footage at Surface: 840 FNL/FSL FSL FEL/FWL 1821 FEL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4732 13. County: WELD

14. GPS Data:

Date of Measurement: 03/07/2008 PDOP Reading: 1.8 Instrument Operator's Name: M. ROBERT

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 _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 300 ft

18. Distance to nearest property line: 153 ft 19. Distance to nearest well permitted/completed in the same formation: 1111 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-CODELL	NB-CD	407-87	80	W/2SE4

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#: 20080059

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):
 LOT B RECORDED EXCEPTION NO. 1059-02-4-RE299, BEING A PART OF THE SW/4SE/4, SECTION 2, TOWNSHIP 4 NORTH, RANGE 67 WEST, 6TH P.M. 153'.

25. Distance to Nearest Mineral Lease Line: 153 ft 26. Total Acres in Lease: 31

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: _____

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
SURF	12+1/4	8+5/8	24	400	265	400	0
1ST	7+7/8	4+1/2	11.6	7,400	200	7,400	6,300

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

33. Comments CONDUCTOR CASING WILL NOT BE SET. NO CHANGES OR IMPROVEMENTS HAVE BEEN MADE WITHIN 500 FT OF THE PROPOSED WELLHEAD LOCATION IN THE PAST YEAR.

34. Location ID: 310751

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: JEFF REALE

Title: VP OPERATIONS Date: 8/18/2009 Email: JREALE@GWOGCO.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. Neslin Director of COGCC Date: 10/29/2009

API NUMBER

05 123 26929 00

Permit Number: _____ Expiration Date: 10/28/2010

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) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.

This location within a sensitive area because of shallow groundwater; therefore, either a closed loop system or a lined drilling pit is required.

Attachment Check List

Att Doc Num	Name	Doc Description
1758464	APD ORIGINAL	LF@2126722 1758464
1758466	30 DAY NOTICE LETTER	LF@2126724 1758466
1759155	CORRESPONDENCE	LF@2143139 1759155
1769143	SURFACE CASING CHECK	LF@2138456 1769143
1808848	SURFACE AGRMT/SURETY	LF@2176942 1808848
1808849	CORRESPONDANCE	LF@2176943 1808849

Total Attach: 6 Files