

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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| DE | ET | OE | ES |
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Document Number:

400188368

PluggingBond SuretyID

20090080

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 ☐

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: Lisa Pfizenmaier Phone: (970)686-8831 Fax: ()

Email: lpfizenmaier@gwogco.com

7. Well Name: Wiedeman Well Number: 20-34

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

9. Proposed Total Measured Depth: 7700

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 20 Twp: 7N Rng: 66W Meridian: 6

Latitude: 40.554940 Longitude: -104.799960

Footage at Surface: 691 feet FNL/FSL 2046 feet FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4915 13. County: WELD

14. GPS Data:

Date of Measurement: 06/20/2011 PDOP Reading: 2.4 Instrument Operator's Name: C. VanMatre

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: 550 ft

18. Distance to nearest property line: 420 ft 19. Distance to nearest well permitted/completed in the same formation: 1149 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 | | 80 | S/2SE/4 |

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 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):

Reference Exhibit A for a map

25. Distance to Nearest Mineral Lease Line: 420 ft

26. Total Acres in Lease: 50

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 |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| SURF | 12+1/4 | 8+5/8 | 24 | 0 | 810 | 300 | 810 | 0 |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 0 | 7,700 | 350 | 7,700 | 6,600 |

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

33. Comments Conductor casing will not be set. 30-day notice waiver in SUA. No changes or improvements have been made within 500 ft. of the proposed wellhead location in the year.

34. Location ID: 302316

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: Lisa Pfizenmaier

Title: Permitting Technician Date: 8/8/2011 Email: lpfizenmaier@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. Nashine

Director of COGCC Date: 8/31/2011

API NUMBER

05 123 28139 00

Permit Number: _____ Expiration Date: 8/30/2013

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) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from TVD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.

Attachment Check List

| Att Doc Num | Name |
|-------------|----------------------|
| 400188368 | FORM 2 SUBMITTED |
| 400188390 | PLAT |
| 400188391 | TOPO MAP |
| 400188394 | LEASE MAP |
| 400193301 | SURFACE AGRMT/SURETY |

Total Attach: 5 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|-------------------------|
| Permit | Removed spacing order. No spacing order on section. | 8/12/2011 3:16:18 PM |
| Permit | sent back to draft per operator's request | 3/8/2011 2:12:13 PM |

Total: 2 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|-------------|----------------|
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Total: 0 comment(s)