

**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

Document Number:  
400231036

PluggingBond SuretyID  
20090080

3. Name of Operator: GREAT WESTERN OIL & GAS COMPANY LLC      4. COGCC Operator Number: 10110

5. Address: 700 AUTOMATION DR - UNIT A  
City: WINDSOR      State: CO      Zip: 80550-3119

6. Contact Name: Janni Keidel      Phone: (303)398-0388      Fax: (866)742-1784  
Email: jkeidel@gwogco.com

7. Well Name: Fritzler      Well Number: 11-21-4

8. Unit Name (if appl): \_\_\_\_\_      Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 7404

**WELL LOCATION INFORMATION**

10. QtrQtr: NWNW      Sec: 21      Twp: 6N      Rng: 66W      Meridian: 6  
Latitude: 40.479160      Longitude: -104.790060

Footage at Surface:      645 feet      FNL      664 feet      FWL

11. Field Name: Bracewell      Field Number: 7487

12. Ground Elevation: 4754      13. County: WELD

14. GPS Data:  
Date of Measurement: 10/28/2011      PDOP Reading: 1.9      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

0      FNL      1328      FWL      0      FNL      1328      FWL

Sec: 21      Twp: 6N      Rng: 66W      Sec: 21      Twp: 6N      Rng: 66W

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: 576 ft

18. Distance to nearest property line: 413 ft      19. Distance to nearest well permitted/completed in the same formation(BHL): 822 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-Codell	NB-CD		160	S/2NW, N2SW

21. Mineral Ownership:       Fee       State       Federal       Indian      Lease #: 968-  
01891777

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):

T6N, R66W, Section 17: A parcel of land in the SE/4 lying South of the Cache La Poudre Irrigating. #2 Ditch and containing 65.00 acres. Section 21: W/2 of NE/4.

25. Distance to Nearest Mineral Lease Line: 1 ft 26. Total Acres in Lease: 145

### 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	700	581	700	0
1ST	7+7/8	4+1/2	11.6	0	7,404	269	7,404	6,619

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

33. Comments Will not be setting conductor casing for this well. Production cement will be a minumin of 200' above the Niobrara.

34. Location ID: 421246

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: Janni Keidel

Title: Permit & Reg. Analyst Date: 12/27/2011 Email: jkeidel@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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

API NUMBER

05

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

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
400231036	FORM 2 SUBMITTED
400233544	WELL LOCATION PLAT
400240135	NRCS MAP UNIT DESC
400240148	TOPO MAP
400240477	LOCATION DRAWING
400241160	DEVIATED DRILLING PLAN
400241439	LEASE MAP

Total Attach: 7 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

### BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)