

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400231036

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: 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 FNL/FSL Bottom Hole: FNL/FSL FNL/FSL  
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

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		160	GWA

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. Well bore spacing unit S½SW¼ of Sec. 16 N½NW¼ of Sec. 21

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: David S. Nesline Director of COGCC Date: 2/16/2012

#### API NUMBER

05 123 35091 00

Permit Number: \_\_\_\_\_ Expiration Date: 2/15/2014

#### 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.

Water sampling is required, needs exception location request and waiver/proposed spacing order, for 1' to mineral lease. Opr notified & form on hold.

- 1) Provide 24 hour notice of MIRU to Jim Precup via e-mail at james.precup@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from the end of the production casing to a minimum of 200' above the Niobrara. Verify coverage with a cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from the end of production casing to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

### **Attachment Check List**

Att Doc Num	Name
2113318	EXCEPTION LOC REQUEST
2113320	EXCEPTION LOC WAIVERS
2113349	PROPOSED SPACING UNIT
2113358	PROPOSED SPACING UNIT
2481395	SURFACE CASING CHECK
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: 12 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Rec'd & attached proposed spacing unit map. Final review complete.	2/9/2012 8:56:21 AM
Permit	Uploaded Waiver & req. letter (s/b a 30 notice) Corrected unit configuration and notified opr.	1/31/2012 2:39:26 PM
Permit	Operator corrected #15 and #34. This form has passed completeness.	1/17/2012 6:59:04 AM
Permit	Returned to draft. Missing #15 and #34.	1/9/2012 1:00:25 PM
Permit	Returned to draft. Missing #15 and #34.	1/9/2012 12:19:32 PM
Permit	Returned to draft. Janni Keidel is not a registered agent. Missing #15. #22b should be blank. Lease number should be blank. Conductor pipe statement. Attachments have different name and location then the well.	12/28/2011 7:57:13 AM

Total: 6 comment(s)

### **BMP**

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

Total: 0 comment(s)