

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



Document Number:

400229216

Date Received:

12/27/2011

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)938-0388 Fax: (866)742-1784

Email: jkeidel@gwogco.com

7. Well Name: Fritzler Well Number: 21-22-14

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

9. Proposed Total Measured Depth: 7471

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 21 Twp: 6N Rng: 66W Meridian: 6

Latitude: 40.476260 Longitude: -104.790340

Footage at Surface: 1702 feet FNL/FSL 583 feet FEL/FWL
 FNL FWL

11. Field Name: Bracewell Field Number: 7487

12. Ground Elevation: 4746 13. County: WELD

14. GPS Data:

Date of Measurement: 11/11/2011 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
 2636 FNL 1326 FWL 2636 FNL 1326 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: 583 ft

18. Distance to nearest property line: 583 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1223 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	S/2NW/4, N/2SW/4,

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: 189177722. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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 ☐ No23b. 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 Co. #2 Ditch and containing 65.00 acres. Section 21: The W/2 of the NE/4 containing 145 acres.

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	7,325	220	7,325	6,671

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

33. Comments Conductor casing will not be set. Two wells will be drilled from this site. Production cement will be a minimum of 200' above the Niobrara. Will also comply with obtaining a water sample for this location. Spacing unit configuration is S½NW¼ & N½SW¼ of Sec. 21I certify that there will be no changes on land use, lease description. The pad has been built. The pit has been constructed. There will be no additional surface disturbance. The location does not require a variance from any of the rules listed in Rule 306.d.(1).(A).(ii). The location is not within a wildlife Restricted Surface Occupancy Area. No Form 2A required.

34. Location ID: 422262

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: 3/8/2012

API NUMBER

05 123 35234 00

Permit Number: _____

Expiration Date: 3/7/2014

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.

- 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.

Operator must meet Water Well Testing requirements as per amended Rule 318A.

Attachment Check List

Att Doc Num	Name
2113317	EXCEPTION LOC REQUEST
2113319	WAIVERS
2113350	PROPOSED SPACING UNIT
2113357	PROPOSED SPACING UNIT
2481394	SURFACE CASING CHECK
400229216	FORM 2 SUBMITTED
400230365	WELL LOCATION PLAT
400235806	TOPO MAP
400235807	LOCATION DRAWING
400237536	DEVIATED DRILLING PLAN
400237560	DIRECTIONAL DATA
400240133	NRCS MAP UNIT DESC
400240485	LOCATION PICTURES
400241441	LEASE MAP

Total Attach: 14 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review complete.	3/8/2012 8:48:18 AM
Permit	Amended 2A filed. Ready to pass pending public comment for the 2A 3/8/12.	2/20/2012 10:48:24 AM
Permit	This form requires an amended form 2A. Opr notified.	2/13/2012 11:32:29 AM
Permit	Requested information rec'd & uploaded. Comments added regarding 2A as directed by opr. Ready to pass.	2/9/2012 12:58:14 PM
Permit	Uploaded exception loc request & waiver. Needs a new 2A. Needs exception location request and waiver/proposed spacing order, for 1' to mineral lease. Opr notified & form on hold.	1/31/2012 2:46:13 PM
Permit	Operator answered #34. This form has passed completeness.	1/17/2012 7:00:44 AM
Permit	Returned to draft. Missing #34.	1/9/2012 1:01:58 PM
Permit	Returned to draft. Missing #34.	1/9/2012 12:27:10 PM
Permit	Returned to draft. Missing #34.	1/9/2012 12:11:05 PM
Permit	Janni Keidel is not a registered agent. Missing #34 and 36. Conductor statement missing.	12/28/2011 7:24:52 AM

Total: 10 comment(s)

BMP

Type

Comment

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Total: 0 comment(s)