

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: 400210315			
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: Lisa Pfizenmaier Phone: (970)686-8831 Fax: ()  
Email: lpfizenmaier@gwogco.com  
7. Well Name: MANENTI Well Number: 20-34  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 7950

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 20 Twp: 7N Rng: 66W Meridian: 6  
Latitude: 40.555050 Longitude: -104.795050

Footage at Surface: 693 feet FNL/FSL 681 feet FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4939 13. County: WELD

14. GPS Data:

Date of Measurement: 09/28/2011 PDOP Reading: 2.2 Instrument Operator's Name: C. Van Matre

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 668 FSL 2062 FEL FEL Bottom Hole: FNL/FSL 668 FSL 2062 FEL FEL  
Sec: 20 Twp: 7N Rng: 66W Sec: 20 Twp: 7N 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: 466 ft

18. Distance to nearest property line: 223 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1161 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 attached exhibit for lease map description

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: WMP facility #425490

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	850	450	850	0
1ST	7+7/8	4+1/2	11.6	0	7,914	550	7,914	6,835

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. This location replaces Wiedeman 20-34 API 05-123-28139-00 which has been abandoned on form 4.

34. Location ID: 302300

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: 10/4/2011 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. Nesline Director of COGCC Date: 10/28/2011

#### API NUMBER

05 123 34628 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/27/2013

#### 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 via e-mail at jim.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 per Rule 318A.

### **Attachment Check List**

Att Doc Num	Name
2481215	SURFACE CASING CHECK
400210315	FORM 2 SUBMITTED
400210325	PLAT
400210326	TOPO MAP
400210328	SURFACE AGRMT/SURETY
400210331	SURFACE AGRMT/SURETY
400211366	DEVIATED DRILLING PLAN
400211367	MULTI-WELL PLAN
400211368	LEASE MAP

Total Attach: 9 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	corrected spacing from S/2, SE/4 (160 acres) to S/2SE/4 (80 acres).	10/28/2011 4:14:06 PM
Permit	Final Review Completed. No LGD or public comment received.	10/28/2011 3:02:34 PM
Permit	Sundry notice to abandon the Wiedeman 20-34 (API#123-28139) received and approved 10/24/11.	10/28/2011 2:51:53 PM
Permit	E-mailed opr-Lisa requesting the form 4 abandonment of the Weideman well that is directly where the BHL of this well is plotted. 2nd request.	10/20/2011 4:00:54 PM
Permit	Form 4 to abandon the Weideman 20-34 not in system yet. Opr notified that they will need water sampling (COA) Distances on forms are different. Checking with Opr.	10/11/2011 4:11:34 PM
Permit	changed TD from 7700' to 7950' per operator.	10/5/2011 1:19:41 PM

Total: 6 comment(s)

### **BMP**

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

Total: 0 comment(s)