

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

APPLICATION FOR PERMIT TO:

1.  Drill,  Deepen,  Re-enter,  Recomplete and Operate

2. TYPE OF WELL

OIL  GAS  COALBED  OTHER \_\_\_\_\_  
SINGLE ZONE  MULTIPLE ZONE  COMMINGLE ZONE

Refiling   
Sidetrack

Document Number:

2557302

Plugging Bond Surety

20090080

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: JEFF REALE Phone: (970)686-8831 Fax: (866)413-3354  
Email: JREALE@GWOGCO.COM

7. Well Name: GREAT WESTERN Well Number: 25-22

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

9. Proposed Total Measured Depth: 7500

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 25 Twp: 6N Rng: 67W Meridian: 6

Latitude: 40.457470 Longitude: -104.847240

Footage at Surface: 2466 FNL/FSL FSL 1166 FEL/FWL FWL

11. Field Name: LAPOUDRE SOUTH Field Number: 48130

12. Ground Elevation: 4751 13. County: WELD

14. GPS Data:

Date of Measurement: 04/20/2010 PDOP Reading: 1.9 Instrument Operator's Name: R. GABRIEL

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 \_\_\_\_\_  
2001 FNL 1982 FWL 2001 FNL 1982 FWL  
Sec: 25 Twp: 6N Rng: 67W Sec: 25 Twp: 6N Rng: 67W

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: 213 ft

18. Distance to nearest property line: 156 ft 19. Distance to nearest well permitted/completed in the same formation: 930 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/2, NW/4

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: 3638367

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 Bon  \$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):  
 S/2, SW/4 OF SECTION 25, T6N, R67W, 6TH PM CONTAINING 72.7665 ACRES, MORE OR LESS.

25. Distance to Nearest Mineral Lease Line: 618 ft 26. Total Acres in Lease: 73

**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 27 or 28 are yes, is this location in a sensitive area (Rule 903)?  Yes  No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal:  Offsite  Onsite  
 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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	450	265	450	0
1ST	7+7/8	4+1/2	11.6	7,500	200	7,500	6,000

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

33. Comments 23b. SURFACE OWNER AND MINERAL OWNER ARE OWNED BY THE SAME COMPANY, THE BROE GROUP, PER THE ATTACHED LETTER. CONDUCTOR CASING WILL NOT BE SET. Per Lisa Pfizenmaier, changed distance to nearest well in same formation from 20' to 930'; and changed distance to nearest mineral lease line from 156' to 618'. PVG Great Western Oil & Gas LLC requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location.

34. Location ID: \_\_\_\_\_

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: JEFF REALE

Title: VP OPERATIONS Date: 4/29/2010 Email: JREALE@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. Neslin Director of COGCC Date: 6/10/2010

Permit Number: \_\_\_\_\_ Expiration Date: 6/9/2012

<b>API NUMBER</b>
05 123 31722 00

**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 Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD 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	Doc Description
1770343	SURFACE CASING CHECK	LF@2481331 1770343
2557302	APD ORIGINAL	LF@2465747 2557302
2557303	WELL LOCATION PLAT	LF@2465748 2557303
2557304	TOPO MAP	LF@2465761 2557304
2557305	EXCEPTION LOC REQUEST	LF@2465749 2557305
2557306	EXCEPTION LOC WAIVERS	LF@2465750 2557306
2557307	DEVIATED DRILLING PLAN	LF@2465751 2557307

Total Attach: 7 Files