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Document Number:  
400242578

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: Raindance Well Number: 30-34

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

9. Proposed Total Measured Depth: 7664

**WELL LOCATION INFORMATION**

10. QtrQtr: SESE Sec: 30 Twp: 6N Rng: 67W Meridian: 6  
 Latitude: 40.451200 Longitude: -104.928590

Footage at Surface: 188 feet FSL 580 feet FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4985 13. County: WELD

14. GPS Data:  
 Date of Measurement: 12/28/2011 PDOP Reading: 2.2 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

647 FSL 1854 FEL 647 FSL 1854 FEL

Sec: 30 Twp: 6N Rng: 67W Sec: 30 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: 620 ft

18. Distance to nearest property line: 188 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2732 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	407-87	160	S/2SE1/4 Sec. 30

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):

Lease map for Rec #3776517, Sec. 30: SE/4, Lot 1 (80.00) aka E/2SW/4 and Lot 2 (74.00) aka W/2SW/4 (also described as S/2), LESS a 2.57 acre parcel conveyed to the Town of Windsor in Rec. # 1781453 of the Weld County Records. Great Western owns the mineral rights.

25. Distance to Nearest Mineral Lease Line: 647 ft 26. Total Acres in Lease: 311

### 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	601	500	601	0
1ST	7+7/8	4+1/2	11.6	0	7,664	267	7,664	6,871

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

33. Comments A total of 4 wells will be drilled from this location: Raindance 30-24 (Doc#400240934), Raindance 30-14 (Doc#400241384), Raindance 30-13 (Doc #400241468). Surface Exception Waiver letter has been executed without protest from surface owner, and submitted with this permit for approval. Great Western Oil & Gas owns the mineral rights. Conductor casing will not be set on the 4 wells. Production Casing cement will be minimum 200' above the Niobrara on all wells.

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: Janni Keidel

Title: Permit/Reg Analyst Date: \_\_\_\_\_ 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
400242795	SURFACE AGRMT/SURETY
400243628	WELL LOCATION PLAT
400243629	TOPO MAP
400243630	DEVIATED DRILLING PLAN
400243632	DIRECTIONAL DATA
400243901	EXCEPTION LOC WAIVERS
400243904	MINERAL 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)