



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

Document Number:
400240934

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: 30-24

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

9. Proposed Total Measured Depth: 7706

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 30 Twp: 6N Rng: 67W Meridian: 6
 Latitude: 40.451810 Longitude: -104.942670

Footage at Surface: 412 feet FSL 309 feet FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4953 13. County: WELD

14. GPS Data:
 Date of Measurement: 10/26/2011 PDOP Reading: 2.8 Instrument Operator's Name: C. Vanmatre

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: 654 FSL 1838 FWL Bottom Hole: 654 FSL 1838 FWL
 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: 309 ft

18. Distance to nearest property line: 309 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 4190 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	E/2SW/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):

Lease map for Rec #: 3776517, described as: T6N-R67W, 6th P.M., 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 # 178453 of the Weld County Records. Great Western Oil & Gas owns the mineral rights.

25. Distance to Nearest Mineral Lease Line: 654 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+1/2	8+5/8	24	0	600	498	600	0
1ST	7+7/8	4+1/2	11.6	0	7,706	269	7,706	6,906

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

33. Comments Conductor casing will not be set. 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 letter submitted with this permit to the Director of COGCC for approval. Great Western Oil & Gas owns the mineral rights. Production Casing cement will be minimum 200' above the Niobrara.

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
400240983	WELL LOCATION PLAT
400240984	TOPO MAP
400240986	SURFACE AGRMT/SURETY
400241366	DEVIATED DRILLING PLAN
400241383	DIRECTIONAL DATA
400242354	LEASE MAP

Total Attach: 6 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)