

FORM
2Rev
12/05State 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:

400242479

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: 30-54

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

9. Proposed Total Measured Depth: 7647

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 30 Twp: 6N Rng: 67W Meridian: 6

Latitude: 40.451200 Longitude: -104.928520

Footage at Surface: 188 feet FNL/FSL FSL 560 feet FEL/FWL 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: 1.9 Instrument Operator's Name: C. Manmatre

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
1290 FSL 1242 FEL 1290 FSL 1242 FEL
Sec: 30 Twp: 6N Rng: 67W Sec: 30 Twp: 6N Rng: 67W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 600 ft

18. Distance to nearest property line: 188 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1952 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	407-87	160	S/2SE/4

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. 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):

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: 925 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	7,647	267	7,647	6,853

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

33. Comments Conductor casing will not be set. Conductor casing will not be set. A total of 4 wells will be drilled from this location: Raindance 30-44 (Doc#400242519), Raindance 30-43 (Doc#400242567), Raindance 30-34 (Doc #400242578). Surface Exception Waiver letter has been executed without protest from surface owner, and letter submitted with this permit. 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: 1/20/2012 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
400242479	FORM 2 SUBMITTED
400242492	WELL LOCATION PLAT
400242494	TOPO MAP
400242495	DEVIATED DRILLING PLAN
400242693	SURFACE AGRMT/SURETY
400243621	DIRECTIONAL DATA
400243898	EXCEPTION LOC WAIVERS

Total Attach: 7 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

BMP

Type	Comment

Total: 0 comment(s)