

FORM  
2

Rev  
12/05

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400439354

Date Received:

07/15/2013

PluggingBond SuretyID

20120105

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☐ OTHER ☐ Re-Plug ☐  
SINGLE ZONE ☐ MULTIPLE ☐ COMMINGLE ☐

Refiling ☐

Sidetrack ☐

3. Name of Operator: CARRIZO NIOBRARA LLC

4. COGCC Operator Number: 10439

5. Address: 500 DALLAS STREET #2300

City: HOUSTON State: TX Zip: 77002

6. Contact Name: Carol Pruitt Phone: (713)328-1000 Fax: (713)328-1060

Email: Carol.Pruitt@crzo.net

7. Well Name: State Well Number: 14-36

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

9. Proposed Total Measured Depth: 6800

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 36 Twp: 9N Rng: 59W Meridian: 6

Latitude: 40.701475 Longitude: -103.928168

Footage at Surface: 660 feet FNL/FSL 1980 feet FEL/FWL  
FSL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4838 13. County: WELD

14. GPS Data:

Date of Measurement: 03/09/1988 PDOP Reading: 1.7 Instrument Operator's Name: unknown

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

Sec: Twp: Rng: Sec: Twp: Rng:

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: 3446 ft

18. Distance to nearest property line: 660 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 569 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.)

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):

All of Section 36, T9N, R59W

25. Distance to Nearest Mineral Lease Line: 660 ft

26. Total Acres in Lease: 640

### 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: No drilling mud will be used

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	222	130	222	

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

33. Comments Operator would like to re-enter this well to adequately re-plug. Operator desires approval of Re-Entry Form 2 without 20 day comment period. Variance request attached. An "amended" Form 2A is not required since there will be no construction of a new pit and surface disturbance will not be enlarged beyond the original disturbance.

34. Location ID: 408372

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: Carol A. Pruitt

Title: Regulatory Compliance Date: 7/15/2013 Email: Carol.Pruitt@crzo.net

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 8/15/2013

#### API NUMBER

05 123 13895 00

Permit Number: \_\_\_\_\_ Expiration Date: 8/14/2015

#### 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.

<b>COA Type</b>	<b>Description</b>
	1) Provide 24 hour notice of MIRU to Kym Schure by e-mail at Kym.Schure@state.co.us. 2) Proposed plugging procedure is approved. In case of difficulties minimum plugs are as follows: Plug #1: Set 100' cement plug above the Niobrara top, in the Pierre below 3000'. Tag plug. Plug #2: Set cement plug from 550' to 50' above surface casing shoe. Tag plug. Plug #3: Set cement plug from 50' to surface. Cut casing off 4' below ground level, weld on plate. 3) Submit Form 6 – Subsequent Report of Abandonment within 30 days of plugging.

### **Applicable Policies and Notices to Operators**

Notice Concerning Operating Requirements for Wildlife Protection.

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
2234031	VARIANCE REQUEST
400439354	FORM 2 SUBMITTED
400442876	WELLBORE DIAGRAM
400442878	WELLBORE DIAGRAM
400442900	OFFSET WELL EVALUATION
400447431	P&A ASSESSMENT
400447432	P&A ASSESSMENT
400463924	SURFACE OWNER CONSENT

Total Attach: 8 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Permit	Input lease description. Final Review Completed. No LGD or public comment received.	8/15/2013 2:42:08 PM
Permit	502.b variance was granted by the director to waive rule 305.c which requires a public comment period of 20 days.	8/15/2013 2:41:21 PM
Permit	Per operator corrected distance to nearest lease line, mud disposal comment, casing information, right to construct, BOP information, and attached new variance request. Still waiting on lease description.	8/15/2013 11:38:18 AM
Permit	State land board ok with location and bond.	8/14/2013 12:59:24 PM
Permit	Requested information on distance to nearest lease line, right to construct, information on mud disposal, BOP equipment type, location number, lease description, and information on casing. Notified state land board.	8/14/2013 10:06:07 AM
Permit	Passed completeness	3/8/2013 5:49:38 AM
Permit	Returned to draft; Operator should provide a statement that an amended 2A is not required since there will be no construction of a new pit and that surface disturbance will not be enlarged beyond the original disturbance.	3/7/2013 1:00:21 PM
Permit	Returned to draft. Surface Consent is for a different qtr-qtr than the well to be reentered.	7/16/2013 11:26:31 AM

Total: 8 comment(s)

## **Best Management Practices**

<b><u>No</u></b> <b><u>BMP/COA Type</u></b>		<b><u>Description</u></b>
1	Planning	Operator will obtain and submit data for as-built well location GPS on the Form 6

Total: 1 comment(s)