

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:

400447687

Date Received:

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL GAS COALBED OTHER Unplanned Sidetrack
SINGLE ZONE MULTIPLE COMMINGLE

Refiling

Sidetrack

PluggingBond SuretyID

20120105

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: Tina Taylor Phone: (713)328-1000 Fax: (713)328-1060

Email: tina.taylor@crzo.net

7. Well Name: Shull Well Number: 4-25-9-60

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

9. Proposed Total Measured Depth: 10841

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 25 Twp: 9N Rng: 60W Meridian: 6

Latitude: 40.714690 Longitude: -104.035220

Footage at Surface: 265 feet FNL/FSL FSL 1354 feet FEL/FWL FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4887 13. County: WELD

14. GPS Data:

Date of Measurement: 02/18/2013 PDOP Reading: 1.9 Instrument Operator's Name: Marc Woodard

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 650 FSL 2600 FEL 2600 FEL 2600
Bottom Hole: FNL/FSL 650 FNL 2600 FEL 2600
Sec: 25 Twp: 9N Rng: 60W Sec: 25 Twp: 9N Rng: 60W

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: 3850 ft

18. Distance to nearest property line: 265 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 650 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	NBRR	535-265	640	ALL

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):

Township 9 North, Rangw 60W of the 6th P.M., Section 25: less 40.35 acres in the NW

25. Distance to Nearest Mineral Lease Line: 650 ft 26. Total Acres in Lease: 608

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
CONDUCTOR	16	15+1/4	65	0	70	7	70	0
SURF	12+1/4	9+5/8	36	0	1,417	534	1,417	0
1ST	8+3/4	7	23	0	6,346	656	6,346	0
1ST LINER	6+1/4	4+1/2	11.6	5594	10,841			

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

33. Comments Over the weekend while drilling the Shull 4-25-9-60 at 4,127', the drilling string became mechanically stuck from 3,581' to 3,983', and after several hrs of jarring attempts, a 402' fish starting at 3,581' consisting of heavy weight drill pipe, drill collars, steering tools (gamma was retrieved), mud motor, and a drill bit was left down hole. Two cement plugs were pumped at 2,806'-1,959' and at 1,915'-1,405'. A side track last night was drilled off the cement plug at 1,509'. 9-5/8" surface casing was set at 1,425'. The top of production and proposed TD footages will remain the same as permitted. Approval was given by Diana Burn 7/15/2013.

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: Tina Taylor

Title: Regulatory Compliance Date: _____ Email: tina.taylor@crzo.net

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

05 123 37243 00

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.

Data retrieval failed for the subreport 'IntPolicy_NTO' located at: W:\Inetpub\NetReports\policy_nto.rdl. Please check th

Attachment Check List

Att Doc Num	Name
400447780	OTHER
400447816	DEVIATED DRILLING PLAN
400447832	DIRECTIONAL DATA

Total Attach: 3 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)