

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



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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-enter and 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: 1-36

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

9. Proposed Total Measured Depth: 8005

WELL LOCATION INFORMATION

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

Latitude: 40.712495 Longitude: -103.928228

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

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4907 13. County: WELD

14. GPS Data:

Date of Measurement: 01/13/1971 PDOP Reading: 1.7 Instrument Operator's Name: Kenneth Cervenka

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: 770 ft

18. Distance to nearest property line: 660 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 165 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 #: 9821.822. 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):

N2 T9N R59W Section 36 6th P.M.

25. Distance to Nearest Mineral Lease Line: 660 ft

26. Total Acres in Lease: 320

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	13+3/4	9+5/8	32.3	0	225	225	225	0

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: 405896

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: _____

Director of COGCC

Date: 8/19/2013

API NUMBER

05 123 07230 00

Permit Number: _____

Expiration Date: 8/18/2015

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.

COA Type	Description
	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 600' 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

Att Doc Num	Name
2234032	VARIANCE REQUEST
400439106	FORM 2 SUBMITTED
400442707	WELLBORE DIAGRAM
400442708	WELLBORE DIAGRAM
400442906	OFFSET WELL EVALUATION
400447427	P&A ASSESSMENT
400447428	P&A ASSESSMENT
400463907	SURFACE OWNER CONSENT

Total Attach: 8 Files

General Comments

User Group	Comment	Comment Date
Permit	State land board ok with location and bond. Request for 502.b variance to rule 305.c was granted by the director on 8/15/13. Public and LGD comment periods have been waived. Final review complete.	8/19/2013 6:59:38 AM
Permit	Ok to pass pending state land board ok.	8/15/2013 2:55:50 PM
Permit	Per operator corrected distance to nearest lease line, right to construct, information on mud disposal, BOP equipment type, location number, casing information, and attached variance request.	8/15/2013 11:51:10 AM
Permit	Requested information on distance to nearest lease line, right to construct, information on mud disposal, BOP equipment type, location number, and information on casing. Notified state land board.	8/14/2013 9:51:16 AM
Permit	Passed completeness	3/8/2013 5:50:25 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 1:36:52 PM
Permit	Returned to draft. Surface Use Agreement is required since the surface owner is not the mineral owner. Attached Surface Owner Consent is for a different qtr-qtr.	7/16/2013 11:10:10 AM

Total: 7 comment(s)

Best Management Practices

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

Total: 1 comment(s)