

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER LATERALSINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐Refiling ☐Sidetrack ☒

Document Number:

400161736

Plugging Bond Surety

20100108

3. Name of Operator: CARRIZO OIL & GAS INC4. COGCC Operator Number: 103385. Address: 1000 LOUISIANA STREET #1500City: HOUSTON State: TX Zip: 770026. Contact Name: KIMBERLY LONG Phone: (713)328-1072 Fax: (713)328-1060Email: kimberly.long@crzo.net7. Well Name: ORLANDO HILL Well Number: 26-44-8-61

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

9. Proposed Total Measured Depth: 10189

WELL LOCATION INFORMATION

10. QtrQtr: SE SE Sec: 26 Twp: 8N Rng: 61W Meridian: 6Latitude: 40.627710 Longitude: -104.167140Footage at Surface: 724 feet FNL/FSL 970 feet FEL/FWL FEL11. Field Name: WILDCAT Field Number: 9999912. Ground Elevation: 4982 13. County: WELD

14. GPS Data:

Date of Measurement: 05/04/2011 PDOP Reading: 1.8 Instrument Operator's Name: GEORGE ALLEN15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1283 FSL 1111 FEL 660 FEL/FWL 1954 FEL 660

Bottom Hole: FNL/FSL 1283 FSL 1111 FEL 660 FEL/FWL 1954 FEL 660

Sec: 26 Twp: 8N Rng: 61W Sec: 26 Twp: 8N Rng: 61W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 724 ft18. Distance to nearest property line: 724 ft 19. Distance to nearest well permitted/completed in the same formation: 3976 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	535-1	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 Bon ☐ \$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):
T7N-60W: SEC 21: E/2 SE, SE NE SEC 22: SW, SW NW T7N-R61W: SEC 14: NE T8N-R61W: SEC 25: NW SEC 26: ALL T8N-R60W: SEC 30: NW

25. Distance to Nearest Mineral Lease Line: 660 ft 26. Total Acres in Lease: 1440

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: EVAPORATION & BURIAL

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	17+1/2	16	36.7	0	70		70	0
SURF	8+3/4	7	23	0	6,756	646	6,756	1,400
1ST	6+1/4	4+1/2	11.6	0	10,189	329	10,189	

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

33. Comments CONDUCTOR CASING WILL NOT BE USED. THIS WELL WILL BE A SIDETRACK (LATERAL) FROM THE PILOT HOLE.

34. Location ID: 419688

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: KIMBERLY LONG

Title: COMPLIANCE SPECIALIST Date: 5/6/2011 Email: kimberly.long@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: David S. Neslin Director of COGCC Date: 5/24/2011

API NUMBER

05 123 33558 01

Permit Number: _____ Expiration Date: 5/23/2013

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.

- 1) Provide cement coverage on 7" intermediate casing from shoe to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 2) Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Attachment Check List

Att Doc Num	Name
400161736	FORM 2 SUBMITTED
400162569	WELL LOCATION PLAT
400162570	DEVIATED DRILLING PLAN

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	This is the lateral hole for a lost hole skid rid rig re-permit of a horizontal well.	5/6/2011 9:15:15 AM

Total: 1 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)