

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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Document Number:  
400161710  
Plugging Bond Surety  
20100108

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL  GAS  COALBED  OTHER PILOT  
SINGLE ZONE  MULTIPLE ZONE  COMMINGLE ZONE

Refiling   
Sidetrack

3. Name of Operator: CARRIZO OIL & GAS INC 4. COGCC Operator Number: 10338

5. Address: 1000 LOUISIANA STREET #1500  
City: HOUSTON State: TX Zip: 77002

6. Contact Name: KIMBERLY LONG Phone: (713)328-1072 Fax: (713)328-1060  
Email: kimberly.long@crzo.net

7. Well Name: ORLANDO HILL Well Number: 26-44-8-61

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

9. Proposed Total Measured Depth: 7600

WELL LOCATION INFORMATION

10. QtrQtr: SE SE Sec: 26 Twp: 8N Rng: 61W Meridian: 6  
Latitude: 40.627710 Longitude: -104.167140

Footage at Surface: 724 feet FSL 970 feet FEL  
FNL/FSL FEL/FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 4982 13. County: WELD

14. GPS Data:

Date of Measurement: 05/04/2011 PDOP Reading: 1.8 Instrument Operator's Name: GEORGE ALLEN

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: 7724 ft

18. 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.)
CODELL	CODL			
NIOBRARA	NBRR			

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: 724 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	12+1/4	9+5/8	36	0	1,400	534	1,400	

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

33. Comments THIS IS FOR A PILOT HOLE; THE DISTANCE TO THE NEAREST RAILROAD IS GREATER THAN ONE MILE FROM THIS LOCATION. PILOT HOLE WILL BE PB'D AT TD TO 5656' WITH 1107 SX OF CEMENT.

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. Nashin Director of COGCC Date: 5/24/2011

**API NUMBER**  
05 123 33558 00

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 24 hour notice of MIRU to Bo Brown via e-mail at bo.brown@state.co.us.
- 2) Plug back pilot hole (minimum requirements): Set 40 sks cement 50' above Niobrara top. Then set kick off plug.

### Attachment Check List

Att Doc Num	Name
400161710	FORM 2 SUBMITTED
400162571	WELL LOCATION PLAT

Total Attach: 2 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	This is the pilot hole for a lost hole skid rid rig re-permit of a horizontal well.	5/6/2011 9:12:02 AM

Total: 1 comment(s)

### BMP

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

Total: 0 comment(s)