

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 \_\_\_\_\_  
SINGLE ZONE  MULTIPLE ZONE  COMMINGLE ZONE

Refiling   
Sidetrack

Document Number:  
400113077  
Plugging Bond Surety  
20100152

3. Name of Operator: CONTINENTAL RESOURCES INC 4. COGCC Operator Number: 10347

5. Address: PO BOX 1032  
City: ENID State: OK Zip: 73703

6. Contact Name: Pam Combest Phone: (580)548-5213 Fax: (580)548-5293  
Email: pamcombest@contres.com

7. Well Name: Newton Well Number: 1-4H

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

9. Proposed Total Measured Depth: 15522

WELL LOCATION INFORMATION

10. QtrQtr: LOT 1 Sec: 4 Twp: 9N Rng: 61W Meridian: 6  
Latitude: 40.783082 Longitude: -104.203972

Footage at Surface: 250 feet FNL 700 feet FEL

11. Field Name: Keota Field Number: 44350

12. Ground Elevation: 4985 13. County: WELD

14. GPS Data:

Date of Measurement: 11/30/2010 PDOP Reading: 1.3 Instrument Operator's Name: Mark A. Hall

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  
727 FNL 700 FEL 600 FSL 700 FEL  
Sec: 4 Twp: 9N Rng: 61W Sec: 9 Twp: 9N Rng: 61W

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: 250 ft

18. Distance to nearest property line: 250 ft 19. Distance to nearest well permitted/completed in the same formation: 10500 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	10-11	1280	Sec 4 & 9

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#: 20100153

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):  
All of Section 4 & 9-T9N-R61W

25. Distance to Nearest Mineral Lease Line: 250 ft 26. Total Acres in Lease: 1283

**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 27 or 28 are yes, is this location in a sensitive area (Rule 903)?  Yes  No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal:  Offsite  Onsite

Method:  Land Farming  Land Spreading  Disposal Facility Other: Evaporation and Backfill

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/Line Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	26			0	80		80	0
SURF	12+1/4	9+5/8	36	0	805	360	805	0
1ST	8+3/4	7	26	0	6,862	956	6,862	0
1ST LINER	6+1/8	4+1/2	11.6	6062	15,522			

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

33. Comments \_\_\_\_\_

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: Pam Combest

Title: Regulatory Compliance Date: 12/3/2010 Email: pamcombest@contres.com

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: 12/29/2010

<b>API NUMBER</b>
05 123 32780 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/28/2012

**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.

Note surface casing setting depth change from 730' to 805'. Increase cement coverage accordingly and cement to surface.

- 1) Provide 24 hr notice of spud to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us.
- 2) Set surface casing per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC.
- 3) If completed, provide cement coverage from the first casing shoe to a minimum of 200' above Niobrara. Verify cement with a cement bond log.
- 4) Comply with Rule 321. 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
400113077	FORM 2 SUBMITTED
400113230	DEVIATED DRILLING PLAN
400113805	TOPO MAP
400113806	HYDROLOGY MAP
400113814	LOCATION DRAWING
400113815	SURFACE PLAN
400113816	WELL LOCATION PLAT

Total Attach: 7 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Conductor porting filled out.	12/28/2010 1:37:06 PM
Permit	Is this well using conductor casing?	12/9/2010 5:57:52 AM

Total: 2 comment(s)

### BMP

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

Total: 0 comment(s)