

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:

400352552

Date Received:

01/08/2013

PluggingBond SuretyID

20100152

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL GAS COALBED OTHER _____
SINGLE ZONE MULTIPLE COMMINGLE

Refiling

Sidetrack

3. Name of Operator: CONTINENTAL RESOURCES INC

4. COGCC Operator Number: 10347

5. Address: PO BOX 269000

City: OKLAHOMA CITY State: OK Zip: 73126

6. Contact Name: Christi Scritchfield Phone: (405)234-9257 Fax: (405)234-9562

Email: christi.scritchfield@clr.com

7. Well Name: Buchner Well Number: 2-2H

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

9. Proposed Total Measured Depth: 11289

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 2 Twp: 7N Rng: 60W Meridian: 6

Latitude: 40.603695 Longitude: -104.066655

Footage at Surface: 2434 feet FSL 662 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4932 13. County: WELD

14. GPS Data:

Date of Measurement: 10/02/2012 PDOP Reading: 1.4 Instrument Operator's Name: L. Kelley Stevenson

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 _____
1989 FSL 662 FWL 2550 FSL 660 FWL
Sec: 2 Twp: 7N Rng: 60W Sec: 11 Twp: 7N 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: 470 ft

18. Distance to nearest property line: 662 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1864 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	535-214	1280	Sec 2 & 11

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 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):

All of Sec 2 & 11-7N-60W

25. Distance to Nearest Mineral Lease Line: 662 ft 26. Total Acres in Lease: 1280

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	20	16	50	0	60	30	60	0
SURF	13+1/2	9+5/8	36	0	660	271	660	0
1ST	8+3/4	7	26	0	6,548	768	6,548	0
1ST LINER	6	4+1/2	11.6	5850	11,110			

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: Christi Scritchfield

Title: Regulatory Compliance Date: 1/8/2013 Email: christi.scritchfield@clr.com

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: Matthew Lee Director of COGCC Date: 2/4/2013

API NUMBER: **05 123 36703 00** Permit Number: _____ Expiration Date: 2/3/2015

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.

- 1) Provide 48 hour notice prior to spud via electronic Form 42.
- 2) Provide cement coverage to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) 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.

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
400352552	FORM 2 SUBMITTED
400368363	DRILLING PLAN
400368368	DEVIATED DRILLING PLAN
400368379	DIRECTIONAL DATA
400368609	WELL LOCATION PLAT

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	2/4/2013 10:21:10 AM
Permit	Per operator corrected distance to nearest well.	1/30/2013 3:53:19 PM
Engineer	No existing wells within 500' of proposed directional w/o zonal isolation.	1/24/2013 12:59:11 PM
Permit	Requested updated distance to nearest well and verification of mineral lease. Initial review complete.	1/15/2013 6:59:13 AM
Permit	Operator attached 2 page plat. Ready to pass completeness.	1/11/2013 1:47:22 PM
Permit	Operator made correction to bond ID# and added attachments. BHL is written, but not shown on the plat.	1/11/2013 9:36:14 AM
Permit	Returned to draft. Incorrect surface bond # line 22b. Missing Deviated Drilling Plan Missing directional data spreadsheet. Missing Well Location Plat.	1/9/2013 1:01:04 PM

Total: 7 comment(s)

BMP

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

Total: 0 comment(s)