

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:

400328198

Date Received:

09/20/2012

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 269091

City: OKLAHOMA CITY State: OK Zip: 73102

6. Contact Name: CHRISTI SCRITCHFIELD Phone: (405)234-9000 Fax: (405)234-9562

Email: CHRISTI.SCRITCHFIELD@CLR.COM

7. Well Name: PLANCK Well Number: 1-14H

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

9. Proposed Total Measured Depth: 16195

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 14 Twp: 8N Rng: 62W Meridian: 6

Latitude: 40.668091 Longitude: -104.279604

Footage at Surface: 250 feet FNL 660 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4917 13. County: WELD

14. GPS Data:

Date of Measurement: 05/08/2012 PDOP Reading: 1.9 Instrument Operator's Name: M. Wallace

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: 500 FNL 660 FEL Bottom Hole: 635 FSL 622 FEL
Sec: 14 Twp: 8N Rng: 62W Sec: 23 Twp: 8N Rng: 62W

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: 642 ft

18. Distance to nearest property line: 250 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 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	535-51	1280	Sec 14 & 23

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 14 & 23 of 8N-62W

25. Distance to Nearest Mineral Lease Line: 660 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: 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/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	20	16	65	0	80	7		
SURF	13+1/2	9+5/8	36	0	535	270		
1ST	8+3/4	7	26	0	7,043	844		
1ST LINER	6	4+1/2	12	6165	16,185			

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

33. Comments While drilling the Planck 1-14H, we encountered a fault at approximately 8500' MD, 6752' TVD which put us out of target zone. Slides were put in to drill down in TVD looking for our markers, at 8662' MD, 6761' TVD, evaluations had us below target and decision was made to pull back to 8005' MD and begin ST #1. The target formation and target BHL were not changed from the original plan.

34. Location ID: 424707

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: 9/20/2012 Email: christ.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: 9/26/2012

API NUMBER

05 123 34144 01

Permit Number: _____ Expiration Date: 9/25/2014

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) Comply with Rule 317.d and set at least 780' of surface casing, cement to surface. –OR- Operator may set 550' of surface casing as proposed and cement intermediate (7") casing from 780' to 50' above surface casing shoe. Verify coverage with cement bond log.
- 2) Comply with Rule 317.i and provide cement coverage from base of intermediate (7") casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) 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
400328198	APD APPROVED
400329134	DIRECTIONAL DATA
400329136	DIRECTIONAL DATA
400331082	FORM 2 SUBMITTED

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	9/25/2012 9:12:01 AM
Permit	Input location number and answered high density question to match original permit	9/25/2012 9:11:32 AM
Permit	After the fact unplanned sidetrack verbal was not granted. Public and LGD comment waived.	9/20/2012 4:09:46 PM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)