

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:

400351305

Date Received:

01/08/2013

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 ☐

PluggingBond SuretyID

20100152

3. Name of Operator: CONTINENTAL RESOURCES INC4. COGCC Operator Number: 103475. Address: PO BOX 269000City: OKLAHOMA CITY State: OK Zip: 731266. Contact Name: Christi Scritchfield Phone: (405)234-9257 Fax: (405)234-9562Email: christi.scritchfield@clr.com7. Well Name: Leggett Well Number: 1-5H

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

9. Proposed Total Measured Depth: 10590

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 5 Twp: 7N Rng: 60W Meridian: 6Latitude: 40.602362 Longitude: -104.125416

Footage at Surface: 1970 feet FNL/FSL 250 feet FEL/FWL FWL

11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 4921 13. County: WELD

14. GPS Data:

Date of Measurement: 10/01/2012 PDOP Reading: 1.4 Instrument Operator's Name: L. Kelley Stevenson15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1893 FSL 744 FEL/FWL 1200 FSL 660 FEL FEL
 Sec: 5 Twp: 7N Rng: 60W Sec: 5 Twp: 7N Rng: 60W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 230 ft18. Distance to nearest property line: 250 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2214 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	407-514	640	Section 5

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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 ☐ No23b. 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):

The lease is the south half of Sec 5-7N-60W

25. Distance to Nearest Mineral Lease Line: 660 ft

26. Total Acres in Lease: 320

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	630	260	630	0
1ST	8+3/4	7	26	0	6,670	787	6,670	0
1ST LINER	6	4+1/2	11.6	5920	10,410			

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

33. Comments Continental Resources would like to move this location from the original location. The original location was 400' FSL and 700' FEL, SESE, Sec 5, 7N, 60W. The new location is 1970' FLS and 250' FWL, NWSW Sec 5, 7N, 60W.

34. Location ID: 428225

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 35277 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 of spud via electronic Form 42.
- 2) Set at least 630' of surface casing. Cement to surface.
- 3) Provide cement coverage from base of intermediate casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) 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
400351305	FORM 2 SUBMITTED
400368264	DIRECTIONAL DATA
400368335	WELL LOCATION PLAT
400368336	DRILLING PLAN
400368339	DEVIATED DRILLING PLAN
400369940	DIRECTIONAL DATA

Total Attach: 6 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 9:53:12 AM
Engineer	No existing wells within 500' of proposed directional w/o zonal isolation.	1/22/2013 4:29:13 PM
Permit	Corrected distance to lease line and lease acreages to match operators lease description. Initial review complete.	1/16/2013 12:51:51 PM
Permit	Operator added comment. Ready to pass completeness.	1/11/2013 8:55:52 AM
Permit	Returned to draft. Lat/long does not match well location. Requested operator make a comment that location was moved.	1/9/2013 11:47:42 AM

Total: 5 comment(s)

BMP

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

Total: 0 comment(s)