

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

Document Number:
400153588

PluggingBond SuretyID
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: Christi Scritchfield Phone: (580)548-5257 Fax: (580)548-5257
Email: christiscritchfield@contres.com

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

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

9. Proposed Total Measured Depth: 16214

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 14 Twp: 8N Rng: 62W Meridian: 6
Latitude: 40.668152 Longitude: -104.279513

Footage at Surface: 250 feet FNL 660 feet FEL

11. Field Name: _____ Field Number: _____

12. Ground Elevation: 5055 13. County: WELD

14. GPS Data:
Date of Measurement: 03/11/2011 PDOP Reading: 1.5 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

725 FNL 660 FEL 660 FSL 660 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: 5280 ft

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 Sec 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	50	0	60	30	60	0
SURF	13+1/2	9+5/8	36	0	550	238	550	0
1ST	8+3/4	7	26	0	7,025	1,168	7,025	0
1ST LINER	6	4+1/2	11.6	6227	16,214			

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: 4/15/2011 Email: christiscritchfield@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. Nesline Director of COGCC Date: 8/15/2011

API NUMBER
05 123 34144 00

Permit Number: _____ Expiration Date: 8/14/2013

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 email at bo.brown@state.co.us.
- 2) 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 production casing from 780' to 50' above surface casing shoe. Verify coverage with cement bond log.
- 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with 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
400153588	FORM 2 SUBMITTED
400153838	WELL LOCATION PLAT
400153841	DEVIATED DRILLING PLAN

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	ON HOLD: 1106-SP-52 continued to August 8th hearing.	6/28/2011 3:13:07 PM
Permit	On hold waiting for spacing order (1106-2p-52) june	4/18/2011 9:52:53 AM
Permit	Corrected Plugging bond id as per direction of opr. sf	4/18/2011 8:52:44 AM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)