



DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES  
 Minerals & Mining Program - Oil & Gas Section  
 2050 West Main, Suite #1, Rapid City, SD 57702-2493  
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FORM 2  
**RECEIVED**

SEP 29 2010

DEPT OF ENVIRONMENT & NATURAL  
 RESOURCES - RAPID CITY

**APPLICATION FOR PERMIT TO DRILL**

Type of work:  Drill New Well  Re-enter Well  Drill Directional Well  
 Other \_\_\_\_\_  
 Type of well:  Oil Well  Gas Well  Injection  
 Other \_\_\_\_\_

Name and Address of Operator: Continental Resources, Inc. P.O. Box 1032 Telephone (580) 233-8955

Name and Address of Surface Owner: David Nemi P.O. Box 227 Buffalo, SD 57720

Name and Address of Drilling Contractor and Rig Number: Cyclone Drilling, Inc. 5800 Mohan Road Gillette, WY 82718-6937 Rig: Cyclone #1

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available):

NESE, Sec. 31-21N-4E, 1900' FSL & 800' FEL, Harding County; Lat: 45.7381145 Long: -103.6689862

If Directional, top of pay and bottom hole location from nearest lines of section:

TOP Lat #1- 1829' FSL & 1203' FEL, Sec. 31-21N-4E BHL 247' FNL & 950' FEL, Sec. 6-20N-4E

TOP Lat #2- 1805' FSL & 1300' FEL, Sec. 31-21N-4E BHL 660' FNL & 1707' FWL, Sec. 31-21N-4E  
 Acres in Spacing (Drilling) Unit Description or Spacing Unit

4580.93 Unitized; West Buffalo Red River Unit; Order #10-96

Well Name and Number	Elevation	Field and Pool, or Wildcat	Proposed Depth and Formation
WBRRU 43-31H	3147 GL	Buffalo	Lat #1-11,085' Lat #2-12,669'

Size of Hole	Size of Casing	Weight per Foot	Depth	Cementing Program (amount, type, additives)	Depth
1) 13 1/2"	9 5/8"	36#	1440	657 Sks Type III	
2) 8 3/4"	7"	23,26,29#	8714	605 Sks Premium Lite & "G"	
3) 6 1/8"			11085	Open Hole (1st Lateral)	
4) 6 1/8"			12669	Open Hole (2nd Lateral)	

Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate.

Plans are to drill the vertical wellbore to the Interlake interval, then build angle to 90 degrees in the direction of 260 degree azimuth. Set and cement 7" csg through the build. Wellbore will be drilled approximately 2383' in the Red River "B" formation. Second lateral will be drilled 3891' in the Northerly direction.

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.  
*Nicole Caddell* Signature      Nicole Caddell Name (Print)      Compliance Title      09/16/2010 Date

**FOR OFFICE USE ONLY**

Approved By: *[Signature]* Title: Oil and Gas Supervisor

Permit No. 1985 API No. 40 063 20719 Date Issued: February 18, 2011  
 Conditions, if any, on attached page.