DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES
Minerals & Mining Program - Oil & Gas Section
2050 West Main, Suite #1, Rapid City, SD 57702-2493
Telephone: 605-394-2229, FAX: 605-394-5317

FORM 2

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DEPT OF ENVIRONMENT & NATURAL RESOURCES - RAPID CITY

State of South Dakota
Department of Environment and Natural Resources

APPLICATION FOR PERMIT TO DRILL

Type of work:
☑ Drill New Well ☐ Reenter 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 Enid, OK 73702 Telephone (580) 233-8955

Name and Address of Surface Owner: Clarkson & Company P.O. Box 184 Buffalo, SD 57720

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

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

440' FNL & 630' FEL, Sec. 13-21N-3E, NENE, Harding Co.

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

TOP 910' FNL & 723' FEL, Sec. 13-21N-3E BHL 1000' FNL & 760' FEL , Sec. 24-21N-3E

Acres in Spacing (Drilling) Unit: 960 Acres

Description of Spacing Unit: Case No. 16-2010

Well Name and Number	Elevation	Field and Pool, or Wildcat	Proposed Depth and Formation
Graves 41-13H	3071	Buffalo	14165' MD; Red River "B"

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#	8796	609 Sks Type III	
3)					
4)					

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 191 degree azimuth. Set and cement 7" casing through the build. Wellbore will be drilled approximately 2383' in the Red River "B" formation.

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.

Signature	Name (Print)	Title	Date
Nicole Caddell	Nicole Caddell	Regulatory	3/2/11

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Approved By: Fred McBride Title: Oil and Gas Supervisor

Permit No. 1989 API No. 40 063 20721 Date Issued: March 17, 2011

Conditions, if any, on attached page.