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 - RCRO

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 _____

SOUTH DAKOTA STATE GEOLOGICAL SURVEY WESTERN FIELD OFFICE

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:
Niemi Ranch P.O. Box 227, Buffalo, SD 57720

Name and Address of Drilling Contractor and Rig Number:
J&R Well Service 791 Land 9, Powell, WY 82435

Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available):
SHL 660' FNL & 1980' FEL, NWNE, Sec 15-20N-4E

If Directional, top of pay and bottom hole location from nearest lines of section:
BHL 2500' FNL & 2100' FWL, NWSE, Sec 15-20N-4E

Acres in Spacing (Drilling) Unit: 7675.65

Description of Spacing Unit: South Buffalo Red River Unit

Well Name and Number	Elevation	Field and Pool, or Wildcat	Proposed Depth and Formation
SBRRU 31-15H	3007' GL	Buffalo	10,700' Red River "B"

Size of Hole	Size of Casing	Weight per Foot	Depth	Cementing Program (amount, type, additives)	Depth
1) 12 1/4"	8 5/8"	24	1570'	800 sks	
2) 7 7/8"	4 1/2"	11.6 & 13.5	8377'	2200 sks	
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.

SBRRU 31-15H well lateral will be drilled out of existing 4 1/2" casing by cutting a southwest facing window at least 10' below the Gunton porosity location at 8192-8223', landing in the Red River "B" porosity @ 8333-8348'. Out of this window the lateral will be drilled to the southwest as shown on the attached maps. We will be using a closed circulating system with cuttings being hauled to a state approved facility. No pit liner will be used.

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
Becky Barnes	Becky Barnes	Regulatory Comp	11/20/2006

FOR OFFICE USE ONLY

Approved By: Fred W Steece Title: Oil and Gas Supervisor

Permit No. 1807 API No. 40 063 20377.01 Date Issued: December 8, 2006

Conditions, if any, on attached page.