SD EForm - 0437 V1

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

SOUTH DAKOTA STATE GEOLOGICAL SURVEY WESTERN FIELD OFFICE

APPLICATION FOR PERMIT TO DRILL

Type of work:
☐ Drill New Well ☑ Reenter Well ☐ Drill Directional Well
☑ Other Single Lateral

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:
J&R Well Serv. 791 Lane 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):
660' FSL & 1980' FEL, SW~~SW~~ SE, Sec 24-T21-R3E

If Directional, top of pay and bottom hole location from nearest lines of section:
TOP @ 8454', BHL 1100' FNL & 750' FEL, NENE, Sec 24-21N-3E

Acres in Spacing (Drilling) Unit: 7675.65 Acres

Description of Spacing Unit: Buffalo Red River Unit Order #6-81

Well Name and Number	Elevation	Field and Pool, or Wildcat	Proposed Depth and Formation
Federal Graves 34-24	3183'GL	Buffalo	12,300' MD Red River "B"

Size of Hole	Size of Casing	Weight per Foot	Depth	Cementing Program (amount, type, additives)	Depth
1) 30"	20"	60#	40'	48 yds of Grout	
2) 13 1/2"	9 5/8"	36#	1100'	485 sx Premium	
3) 8 3/4"	7"	26#,29#,32#	8637'	770 sx Premium Lite & "G"	
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 well lateral out of existing 5 1'2" casing by cutting a northeast facing window at least 10' below the Gunton porosity located at 8406-8438', landing in the Red River "B" porosity at 8546-8562' as shown on the attached log. Out of this window the lateral will be drilled to the northeast to the bottom hole location shown on the attached maps.

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 Compl.	2/10/06

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Approved By: Fred [signature] Title: Oil and Gas Supervisor

Permit No. 1774 API No. 40 063 20486.01 Date Issued: March 24, 2006

Conditions, if any, on attached page.