



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

RECEIVED

APR 07 2009

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 Re-enter Well Drill Directional Well
 Type of well: Oil Well Gas Well Injection
 Other _____

Name and Address of Operator: North Firm LLC Telephone (307) 237-7854
950 Stafford Casper, WY 82609

Name and Address of Surface Owner:
Gary Wendt HCR 3 #56 Newell, SD 57760

Name and Address of Drilling Contractor and Rig Number:
Rainbow Drilling P.O. Box 353 Evansville, WY 82636

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

SENW Sec. 24 T12N R5E Butte, 1973' FNL & 1973' FWL, Lat= 44d59'29.0" Long= -103d27'28.95"

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

Acres in Spacing (Drilling) Unit	Description of Spacing Unit
320	N2 Sec. 24 T12N R5E

Well Name and Number	Elevation	Field and Pool, or Wildcat	Proposed Depth and Formation
Wendt #6-24-12-5	3368.7'	Wildcat	1500' Shannon

Size of Hole	Size of Casing	Weight per Foot	Depth	Cementing Program (amount, type, additives)	Depth
1) 8 3/4"	7"	17.0	400'	100 sks Class "G"	400'
2) 6 1/2"	4 1/2"	11.6	1500'	200 sks Class "G"	1500'
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.
 Drill well with low water loss fresh water mud system.
 Surface pits will be lined with a 12 mil pit liner.
 Anticipated spud date is April 12th, 2009.
 Mineral Owners: Gary Wendt NE, E2NW 100%, Neil Smeenk W2NW 50%, Jacobsen etal W2NW 50%

I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.
Wayne Neumiller Wayne Neumiller Manager/Member 3/23/09
 Signature Name (Print) Title Date

FOR OFFICE USE ONLY
 Approved By: [Signature] Title: Oil and Gas Supervisor
 Permit No. 1938 API No. 40 019 20096 Date Issued: April 29, 2009
 Conditions, if any, on attached page.

KHC