



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 RECEIVED

MAR 25 2009

DEPT OF ENVIRONMENT & NATURAL RESOURCES - RAPID CITY

APPLICATION FOR PERMIT TO DRILL

Type of work: Drill Well Re-enter Well Drill Directional Well Other _____

Type of well: Oil Well Gas Well Injection Other _____

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

Name and Address of Surface Owner: Joe Burke 16110 SD HWY 79 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):

NWSW Sec. 9 T14N R5E Butte, 1978' FSL & 660' FWL, Lat= 45d11'22.66" Long= -103d31'32.36"

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

Acres in Spacing (Drilling) Unit	Description of Spacing Unit
320	S2 Sec. 9 T14N R5E

Well Name and Number	Elevation	Field and Pool, or Wildcat	Proposed Depth and Formation
Joe Burke #12-9-14-5	2961.6	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 Clas "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 6th, 2009.
 Surface and mineral owner are the same.

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 P. Neumiller Wayne Neumiller Manager/Member 3/17/09
 Signature Name (Print) Title Date

FOR OFFICE USE ONLY

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

Permit No. 1930 API No. 40 019 20092 Date Issued: April 8, 2009

Conditions, if any, on attached page.