



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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FEB 25 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 well:
 Drill New Well Re-enter Well Drill Directional Well
 Oil Well Gas Well Injection
 Other _____ Other _____

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

Name and Address of Surface Owner:
 Pat Burke 12948 Burke Rd. 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):

SWSW Sec 36 T15N R4E Harding, 660' FSL & 660 FWL, Lat = 45d12'53.81" Long = -103d35'9.95"

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

Acres in Spacing (Drilling) Unit Description of Spacing Unit
 320 S2 Sec. 36 T15N R4E

Well Name and Number	Elevation	Field and Pool, or Wildcat	Proposed Depth and Formation
Pat Burke State #13-36-15-4	3083.6'	Wildcat	1600' 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 type "G"	400'
2) 6 1/4"	4 1/2"	11.6	1600'	200 sks type "G"	1600'
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 12 mil pit liner.
 Anticipated Spud date is March 2, 2009.
 State Minerals

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
 Signature Name (Print) Title 2/20/09 Date

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

Permit No. 1920 API No. 40 063 20689 Date Issued: March 13, 2009
 Conditions, if any, on attached page.