



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

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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  Reenter Well  Drill Directional Well  Other \_\_\_\_\_

Type of well:  Oil Well  Gas Well  Injection  Other \_\_\_\_\_

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

Name and Address of Surface Owner:  
Neil Smeenck 12822 Civil Defense Tower 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):  
SESE Sec. 20 T12N R5E Butte County, 990' FSL & <sup>900'</sup> ~~990'~~ FEL Lat= 44d59'6.79" Long= 103d31'50.03"

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

Acres in Spacing (Drilling) Unit 160 320 Description of Spacing Unit S/2 SE Sec. 20 T12N R5E

Well Name and Number	Elevation	Field and Pool, or Wildcat	Proposed Depth and Formation
Smeenck State #16-20-12-5	3070'	<del>Cady Creek</del> <u>Butte - Harding 5-81</u>	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 1/4"	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 KCL mud system.  
 Surface pits will be lined with 12 mil pit liner.  
 Anticipated Spud Date is January 4, 2009  
 Surface owner 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 Neumiller Signature Wayne Neumiller Name (Print) Manager/Member Title 12/15/08 Date

**FOR OFFICE USE ONLY**

Approved By: [Signature] Title: Oil and Gas Supervisor  
 Permit No. 1908 APINo. 40 019 20081 Date Issued: January 8, 2009  
 Conditions, if any, on attached page.