

Bureau of Land Management
Application for Permit to Drill Worksheet
Holster 33 Federal Com, Well No. 1
Lea County, New Mexico

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6. CIRCULATING MEDIA PROGRAM

A. Torch proposes to utilize the following mud system which will be visually monitored.

<u>DEPTH</u>	<u>MW(PPG)</u>	<u>VISC.</u>	<u>PV</u>	<u>YP</u>	<u>PH</u>	<u>FLUID LOSS</u>
0' - 500'	8.6 – 9.2	32-35	5-10	15-25	NC	NC
500' - 5000'	9.9 – 10.1	28-29	5-10	15-25	9.0 – 10.0	NC
5000' - 9000'	8.3 - 9.2	28-29	4-8	5-10	9.0 – 10.0	20 - 25
9000' - 11500'	9.2 - 9.5	28-29	4-8	5-10	9.0 – 10.0	20-25
11500' - 13000'	9.5 – 10.5	31-36	6-12	4-8	9.0 - 10.0	6-8

B. Air Drilling - Include the following information:

1. Length and location of blooie line, including automatic igniter or continuous pilot light.
2. Location of compressor equipment, including safety devices, and the distance from the wellbore.
3. Schematics showing deduster equipment and rotating head.
4. Amounts, types and characteristics of stand-by mud and circulating equipment.

**TORCH OPERATING COMPANY DOES NOT PROPOSE TO DRILL THE
HOLSTER 33 FEDERAL COM WELL NO. 1 BY THE AIR METHOD.**