

MUD PROGRAM

Government W #1

1980' FWL 660' FSL
Sec. 22, T20S, R28E
Eddy County, New Mexico

0' - 385'	Spud with fresh water and native mud. Mud weight 8.5 ppg. Viscosity 30-34.
385' - 2,950'	Drill with fresh water and native mud. If circulation is lost and cannot be regained, dry drill to 2950' with fresh water. Mud weight 8.5 ppg. Viscosity 28-30.
2,950' - 7,000'	Drill with fresh water - brine system. Mud weight 9.4-9.5 ppg. Maintain ph of 10. Suspect salt water flow with H ₂ S at approximately 4800' at mud weights less than 9.3-9.4 ppg.
7,000' - 10,000'	Start increasing mud weight gradually at 7000' to 9.8 ppg at 8500'. Maintain weight and viscosity as dictated by hole conditions.
10,000' - 11,600' T.D.	Mud up at 10,000'. Reduce water loss to 6-10 cc prior to drilling through the Morrow. Mud weight approximately 9.8 ppg. Viscosity 30-34 sec.