

INEXCO FEDERAL "17" NO. 1

Eddy County, New Mexico

MUD PROGRAM

Surface to 500':	Native mud with gel and lime. Lost circulation material as needed. Mud Weight: 8.4 - 9.5 ppg. Viscosity: 28-40 Sec/1000 cc.
500' to 2,300':	Native mud as above. Use lime to control pH at 10 - 11. LCM as needed for small losses. Dry drill to 8-5/8" casing point if necessary. Mud Weight: 8.4 - 9.5 ppg. Viscosity: 28 - 40 Sec/1000 cc.
2,300' to 7,500':	Fresh water native mud. Use lime to maintain pH at 10 - 11. Batch treat with LCM for seepage. Mud Weight: 8.4 - 9.2 ppg. Viscosity: 28 - 36 Sec/1000 cc.
7,500' to 9,000':	Displace fresh water system with controlled potassium chloride brine system. Mud Weight: 9.0 - 9.2 ppg, Viscosity: 30 - 36 Sec/1000 cc.
9,000' to Total Depth:	Mud up with Brine polymer. There is possible high pressure - low volume gas in Wolfcamp, Strawn, and/or Atoka sections. Control weight as needed. Mud Weight: 9.0 - 9.4 ppg. Viscosity: 36 - 40 Sec/1000 cc. Water Loss: 6 - 10 cc.