

MUD PROGRAM

TRACY C NO. 1

1980' FNL, 660' FEL
Sec. 32-21S-27E
Eddy County, New Mexico

0' - 400'	Spud with fresh water and native mud. Mud weight 8.5 ppg. Viscosity 30-34.
400' - 3000'	Drill with fresh water and native mud. If circulation is lost and cannot be regained, dry drill to 3000' with fresh water. Mud weight 8.5 ppg. Viscosity 28-30.
3000' - 7000'	Drill with fresh water - brine system. Mud weight 9.4 - 9.5 ppg. Maintain pH of 10.
7000' - 10000'	Start increasing mud weight gradually at 7000' to 9.8 ppg at 8500'. Maintain weight and viscosity as dictated by hole conditions.
10000' - 11650' TD	Mud up at 10700'. Reduce water loss to 6 - 10 cc prior to drilling through the Morrow. Mud weight approximately 9.8 ppg. Viscosity 30 - 34 sec.