

COLONIA "A" NO. 1

1650' FSL, 1980' FWL, Sec. 18-22S-27E

Eddy County, New Mexico

Mud Program

0 - 350'	Drill with fresh water mud. Mud wt approximately 8.5#/gal., viscosity 68-80. Set 13-3/8" casing at 350'.
350 - 5300'	Drill with fresh water. If returns are lost and cannot be regained, dry drill to casing depth 5300'. Mud weight 8.5#/gal., viscosity 40-50. Set 9-5/8" casing at 5300'.
5300 - 8500'	Drill with fresh water. Add caustic for pH control. Mud weight 8.5#/gal., viscosity 28-31.
8500 - 10500'	Displace fresh water with 10#/gal. brine water at 8500'. Add caustic for pH control. Mud weight 10#/gal., viscosity 28-31.
10500 - 11700'	Mud up with Morrow protection fluid at 10500'. Maintain mud weight, viscosity and fluid loss as hole conditions dictate. Mud weight approximately 10#/gal., viscosity 34-36, water loss 10 or less. Set 5-1/2" casing at TD 11700'.