

## PROPOSED MUD PROGRAM

### LEGGETT "A" #1

0' - 350': Spud mud consisting of AQUAGEL flocculated with Lime. HYSEAL if needed for seepage loss of fluid.

350' - 1600': Drill out with existing mud and control the native viscosity 31-32 Sec/1000 cc with water additions at the flowline. Use HYSEAL for seepage loss of fluid.

1600' - 3500': Top of the Rustler Anhydrite, start additions of brine water to build and maintain volume. This should help reduce the hole enlargement in the salt section. The mud weight will increase to 10#/gallon plus from system being salt saturated from drilling of the salt section this interval. If native solids are insufficient to maintain the viscosity 31-32 Sec/1000 cc, use ZEOGEL to control the viscosity. Use HYSEAL for seepage loss of fluid. Fluid loss control is not necessary through this section.

3500' - TD: To the existing fluid, lower the fluid loss to 10-15 cc with IMPERMEX and increase the viscosity to 34-36 Sec/1000 cc with ZEOGEL. If severe seepage occurs, treat with HYSEAL and MICATEX. Maintain these properties to total depth unless hole conditions warrant a change.