

DRILLING, CASING AND CEMENT PROGRAM

1. MIRURT
2. Drill a 12-1/4" hole to ± 325 ft. with a gel water mud.
3. Rig up and run 9-5/8" 36# K-55 ST&C casing to bottom. Cement with Class B + 2% CaCl₂ in sufficient quantity to circulate cement to surface. If conditions warrant the use of loss circulation agents, 1/4 #/sx celloflake may be added. Wait on cement a minimum of 12 hours prior to drilling out.
4. While waiting on cement, screw on a 9-5/8" -8rd X 11 3M casinghead. NU BOP's. Pressure test casing, blinds, manifold and lines to 1000 psi for 30 minutes. GIH and drill pipe and test the pipe rams in the same manner. Record all tests on the IADC report sheet.
5. Drill out with an 8-3/4" bit and clear water. Drill to ± 5400' or 50' above the Point Lookout. Mud up prior to reaching intermediate T.D. Circulate at casing point a sufficient time to clean the hole to run casing.
6. Install casing rams, run 7" 23# K-55 casing equipped with a guide shoe to bottom, float collar one joint up and a stage collar 200' below the Ojo Alamo. Bakerlock from the shoe to the top of the float collar and run casing to bottom.

INTERMEDIATE CEMENTING PROGRAM

<u>FIRST STAGE</u>	<u>LEAD</u>	<u>TAIL</u>
Type		Cl B + 2% CaCl ₂ + 1/4 #/sx flocele.
Sacks		150-200 sx
Slurry yield		1.18 cuft/sx
Mix weight		15.6 ppg
Water req's.		5.20 gal/sx