PROPUSED PROCEDURE FOR RECUPLETION OF N.M. STATE A-2

- 1. Dig out around 12-1/2-inch casing flange, cut off marker, move in rig, nipple up well head and install blowout preventer.
- 2. Drill out cement plugs, sud up as necessary and clean out to total depth (4250°).
- 3. Drill 6-1/8-inch hole from 4250-4700 feet, condition hole and run Lateralog, Microlateralog and Gamma-Ray Neutron logs or Electric Microlog and Gamma-Ray heutron logs, depending on type of drilling fluid used.
- 4. Take drill stem test of lower open hole section (as determined from logs) to evaluate porosity and permeability of San Andres formation. After fluid productivity is determined, pump water down drill stem to determine if formation will accept water at a satisfactory rate.

If some tested appears suitable for injection, delete steps 5 and 6 and proceed with step 7. If zone tested does not appear suitable for injection, proceed as feilows:

- 5. Deepen well to approximately 5450 feet; run logs as listed in step 3.
- 6. Take drill stem test of open hole section (as determined from Logs) to evaluate porosity and permeability of San Andres formation to accept water.
- 7. Set new string of casing to bottom, 5-inch FJ in open hole and 5-inch T&C in 7-inch string and cement pipe to surface in 2 stages.
- 8. Selectively perforate zones of porosity with 4 bullets per foot.
- 9. Set Baker production packer in 5-inch casing about 25 feet above perforations and run 2-1/2-inch plastic coated tubing.
- 10. Test for injection rate; if not 'satisfactory, stimulate with acid in stages as needed.
- 11. Install well head for salt water injection.