ATTACHMENT "A"

N.M. 9190
L.A. Federal #2
Sec. 12-T22S-R22E
Eddy County, New Mexico

1. Surface Formation: Gregburg

2. Estimated Formation Tops: San Andres-362' (+3861),Glorieta-1848' (+2375), Upr Abo-4523'(-300), Lwr. Abo-4693'(-470), U. Wolfcamp reef-5228' (-1005), M. Wolfcamp reef-6243' (-2020), Lwr. Wolfcamp det-6698' (-2475), basal Wolfcamp det-6850' (-2650), Cisco reef-7293-7373'(3070 to 3150), Canyon Stone 7613-7693' (-3390 to 3470), Lwr Strawn-8153-8233 (3930 to -4010), Atoka-8533-8613' (-4310 to -4390), Morrow limestone-8703-8783' (-4480 to -4560), Morrow A Zone-8818-8898' (-4595 to -4675), Morrow B limestone - 8953-9033' (-4730 to -4810), Morrow C Zone 9048'-9128' (-4825 to 4905), TD in Miss.-9400' (-5177')

3. Estimated Depths at which oil, water, gas or other mineral bearing formations are expected to be encountered: Fresh Water 0-200', Water Sands 200-TD intermittent, Oil and Gas 200-TD intermittent. Above to be evaluated while drilling.

4. Casing Program: Surface Casing in 17½" hole, 0-200', 13 3/8-48#-H40-ST&C
Intermediate Casing in 12¼"hole, 0-2000', 8 5/8-24#-K55-ST&C
Production Casing in 7 7/8" hole, 0-7700', 5½-17#-K55-LT&C
7700-9400', 5½-17#-N80-LT&C

5. Pressure Control Equipment: 200'-2000', 12"-900 Series. Double Hydraulic BOP Pressure Tested once with daily operational checks. 2000' to TD. 10"-5000 psi WP Double Gate and Hydril. Pressure test will be done to 5000 psi on rams and 2500 psi on annular preventor. A 3" choke manifold will be installed and tested to 5000 psi at intermediate point.

6. Drilling Mud Program: 0-4800'-Fresh water with minimum weight and viscosity.
4800-TD-Brine water with sufficient viscosity to clean hole. Weight 9.0-9.3 ppg with brine and 2-3% KCL.

7. Auxillary Equipment Required: (a) Kelly cocks will be used. (b) No drill pipe floats will be allowed at any time. (c) A full opening floor stabbing valve will be on the floor (d) Mud system will be visually monitored at all times.

8. Logging, Testing, and Coring Program: DST's as warranted by drilling time and sample shows. Logs: Dual Induction Laterolog 200-TD (2 runs), BHC Acoustic DLL RXO 2000-TD, FR-BHC Density-Neutron 200-TD (2 runs), Dipmeter 2000-TD.

9. Abnormal Conditions: No extreme abnormals of temperature, pressure, or H2S are expected.

10. Anticipated starting date: April 1, 1979, Estimate 45 drilling days and 20 completion days.

11. Productive zones will be perforated, treated and tested. Gas will be flared during testing periods. Produced water during testing will be contained in the unlined drilling reserve pit. All possible oil will be stored and sold.

R. T. Foster
Drilling Administrator