#2 Leonard Brothers

7 POINT WELL CONTROL PLAN

- 1. Surface casing: 8-5/8", 24#, approximately 500, grade K-55.
- 2. Casinghead will be 10", 600 series, 2,000 psi rating.
- 3. Intermediate casing none required.
- 4. Blowout preventors: Hydraulic, double ram, 10". One set of rams will be provided for each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2" with variable choke.
- 5. Auxiliary equipment:
 - (1) Kelly cock will be in use at all times.
 - (2) Stabbing valve to fit drill pipe will be present on floor at all times.
 - (3) Mud monitoring will be visual, no abnormal pressures are anticipated in this area.
- 6. Anticipated bottom-hole pressure:

This is an area of known pressure. Maximum anticipated pressure at 3900' T.D. is 1800 psi. No abnormal pressures are anticipated.

7. Drilling Fluids:

0 - 500' Spud mud

 500^{\prime} - T.D. Brine Gel - low solids as needed to maintain good hole conditions.

FERENED JAN 20 1977 OIL CONSERVATION COMM.