

SUPPLEMENTAL DRILLING DATA

MCKAY OIL CORPORATION
Ruby Federal No. 3
SE/4 SW/4, Sec. 33, T6S, R22E
Chaves County, New Mexico



NM-36196

The following is in accordance with "Onshore Oil & Gas Order" No. 1:

1. SURFACE FORMATION: San Andres

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:
Yeso 813'
Tubb 2374'
Abo 3074'

3. ESTIMATED DEPTHS TO WATER, OIL OR GAS:
Fresh water - In surface formations above 600'.
Gas - In Abo formation below 3074'

4. PROPOSED CASING AND CEMENT PROGRAMS: See form 3160-3.

5. PRESSURE CONTROL EQUIPMENT: Blowout preventer stack will consist of at lease a double-ram type blowout preventer rated to 3000 psi working pressure. A sketch is attached.

6. CIRCULATING MEDIUM:
0 - 900' Lime and gel, spud mud, viscosity 32-34.
900 - 2974' Fresh water.
2974 - T.D. Start mudding up at 2974'; viscosity 36-38;
water loss 10cc or less; 3-5% Diesel; 2% KCL.

7. AUXILIARY EQUIPMENT: Full opening drill string safety valve with drill string in use, will be kept on rig floor at all times.

8. TESTING, LOGGING AND CORING PROGRAMS:
Samples: Surface to T.D.
Logging: GR-CNL, DLL-MSFL from surface to T.D.
Coring : None anticipated.

9. ABNORMAL PRESSURES OR TEMPERATURE ZONES: None anticipated.

10. ANTICIPATED STARTING DATE: October 23, 1987. Completion operations to follow.