

Attached to Form J160-3
Mack Energy Corporation
MC Federal #1
2275 FNL & 1268 FWL
SW/4 NW/4, Sec 22 T17S R32E
Lea County, NM

- B. A full opening drill pipe-stabbing valve with proper drill pipe connections will be on the rig floor at all times.

9. Logging, Testing and Coring Program:

- A. The electric logging program will consist of GR-Dual Laterolog, Spectral Density, Dual Spaced Neutron, Sonic, and CSNG Log and will be ran from T.D. to 9 5/8 casing shoe.
- B. Drill Stem tests are anticipated.
- C. No conventional coring is anticipated.
- D. Further testing procedures will be determined after the 7" production casing has been cemented at TD based on drill shows and log evaluation.

10. Abnormal Conditions, Pressures, Temperatures and Potential Hazards:

Abnormal pressures and temperatures are not anticipated. The estimated bottom hole at TD is 110 degrees and estimated maximum bottom hole pressure is 6500 psig. Low levels of Hydrogen sulfide have been monitors in producing wells in the area, so H2S may be present while drilling of the well a plan is attached to the Drilling program. No major loss of circulation zones has been reported in offsetting wells.

11. Anticipated Starting Date and Duration of Operations:

Road and location work will not begin until approval has been received from the BLM. The anticipated spud date is June 15, 1999. Once commenced, the drilling operation should be finished in approximately 45 days. If the well is productive, an additional 30 days will be required for completion and testing before a decision is made to install permanent facilities.