## F&M OIL AND GAS COMPANY Tonto Waterflood Tonto #12 WIW Sec 30, T19S, R33E Lea County, New Mexico

## **MULTI-POINT DRILLING OPERATIONS PLAN**

In connection with Form 3160-3, Application for Permit to Re-Enter subject well, F&M Oil and Gas Company submits the following items of pertinent information in accordance with BLM requirements:

1. The estimated tops of geological markers are as follows:

Rustler Anhydrite	1210'
Top of Salt	1350'
Base of Salt	2800'
Yates	2970'
T.D.	9450'
PBTD	3200'

2. The estimated depths at which water is anticipated:

Groundwater should be expected in the Triassic Dockum Group and in Quaternary Alluvium to depth of 35'.

3. Existing Casing Program:

13 3/8"	set at 450'
8 5/8"	set at 3400'
5 1/2"	set at 9450'

- 4. Proposed control Equipment: See attached Detail.
- 5. Mud Program: Fresh Water.
- 6. Auxiliary Equipment: Blowout preventer, gas detector, kelly cock and stabbing valve.
- 7. Abnormal Pressures, Temperatures and Potential Hazards: