

DRILLING PROGRAM MEWBOURNE OIL COMPANY

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

Capitan:	2700'
Delaware:	4750'
Bone Springs:	7370'
1st Bone Springs Sand:	8450'
2nd Bone Springs Sand:	9100'
3rd Bone Springs Sand:	9940'
Wolfcamp Lime:	10580'
Strawn:	11340'
Morrow Lime:	12040'
Morrow Sand:	12700'

2. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

Water:	Approximately 200'
Oil:	All zones below Capitan.

- 3. Pressure Control Equipment:** BOPE will be installed on the 13 3/8" surface casing and be rated for 2000 psi working pressure mini. Pressure tests will be conducted before drilling out under all casing strings. Blowout preventor controls will be installed prior to drilling the surface plug and will remain in use until drilling operations are completed. Preventor will be inspected and pipe rams operated at least daily to insure good mechanical order. This inspection will be recorded on the daily drilling report. (See Exhibit #2, 2A, and attachment sheet.)

Auxiliary Equipment: Kelly Cock and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times when the kelly is not in use.

4. Proposed Casing and Cementing Program:

A. Casing Program:

<u>Hole Size</u>	<u>Csg O.D.</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Depth</u>
17 1/2"	13 3/8"	48#	LS	0-600' +/-
12 1/4"	8 5/8" 9 5/8"	36# 40#	LS	0-4400' +/-
7 7/8"	5 1/2"	20,23#	K,N	0-12,800' +/-
Minimum Casing Design Factors: Collapse 1.125; Burst 1.0; Tensile Strength 1.8				