

DRILLING PROGRAM
MEWBOURNE OIL COMPANY
Ranch Hand "18" Fed Com #2
660' FNL & 660' FEL
Section 18-T23S-R27E
Eddy County, New Mexico
Lease Number NM-0275360

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

Delaware	2052'
Bone Springs	5380'
Wolfcamp	8873'
Canyon	10278'
Strawn	10618'
Atoka	11091'
Morrow	11530'

2. Estimated depths of anticipated fresh water, oil, or gas:

Water	Approximately 200'
Hydrocarbons	All zones below San Andres

3. Pressure control equipment:

Two thousand psi working pressure mini BOP's will be installed on the 13-3/8" surface casing. Pressure tests will be conducted prior to drilling out under all casing strings. BOP controls will be installed prior to drilling under surface casing and will remain in use until completion of drilling operations. BOP's will be inspected and operated daily to insure mechanical integrity and the inspection will be recorded on the daily drilling report.

Kelly cock and a sub equipped with a full opening valve sized to fit the drill pipe and collars will be available on the rig floor in the open position when the kelly is not in use.

4. Proposed casing and cementing program:

A. Casing program:

<u>Hole Size</u>	<u>Casing</u>	<u>Wt/Ft.</u>	<u>Grade</u>	<u>Depth</u>
17-1/2"	13-3/8"	48#	H40	0-400'
12-1/4"	9-5/8"	24#, 32#	J55	0-2600'
8-3/4"	5-1/2"	17#	N80, S95	0-12,200'

Minimum casing design factors: Collapse 1.125, Burst 1.0, Tensile strength 1.8.