

EXXON #2 MORGAN FEDERAL
SECTION 6, T10S, R30E, CHAVES COUNTY NEW MEXICO
USA NM 9208-A

1. The geologic name of the surface formation.

Quaternary

2. The estimated tops of important geologic markers.

Rustler	870'
Yates	1440'
San Andres	2665'
Leonard	4125'
Abo	6525'
Wolfcamp	7340'
Canyon	8340'
Mississippian	9540'

3. The estimated depths at which anticipated water, oil or other mineral bearing formations are expected to be encountered.

Water	800'
Oil	7400'
Gas	9300'
	9600'

4. Proposed Casing Program:

<u>String</u>	<u>Size/Weight/Grade</u>	<u>Condition</u>	<u>Depth Interval</u>
Surface	9-5/8/40#/N-80	New	0-1500'
Production*	5-1/2/17#/L-80	New or 2nd C1	0-1550
	5-1/2/17#/K-55	New or 2nd C1	1550-3800
	5-1/2/15.5#/K-55	New or 2nd C1	3800-9500
	5-1/2/17#/K-55	New or 2nd C1	9500-10,000

*Casing string run will be at least as strong as string shown. Actual pipe run may be different depending on casing available at time.

5. Minimum specifications for pressure control equipment:

a) Casinghead Equipment

"A" Section: Flanged type 5000 psi
W.P. for 9 5/8" X 5 1/2" casing program
Tubinghead: Flanged type 5000 psi
W.P. for 2 7/8" tubing.