



**Tom Brown, Inc.**

P. O. Box 2608

Midland, Texas 79702-2608

(915) 682-9715

DRILLING PROGRAM

OPERATOR: Tom Brown, Inc.  
WELL NAME AND NUMBER: Madera Federal "25" Well No. 1  
LOCATION: 1980' FSL & 1980' FEL, Section 25, T26S, R34E  
COUNTY AND STATE: Lea County, New Mexico

1. The surface formation is Quarternary sand and gravel.
2. Estimated tops of geologic markers are as follows:

Rustler	940'
Salt	1,160'
Castile	3,490'
Delaware	5,300'
Bone Springs	9,510'
Wolfcamp	12,500'
Strawn	13,750'
Atoka Sand	14,780'
Atoka Lime	14,920'
Morrow	15,600'
Mississippian	18,250'
Woodford	18,675'
Devonian	18,970'
Fusselman	20,120'
Ellenburger	22,000'
Total Depth	22,500'

3. The estimated depths at which water, oil and/or gas are expected:

Water	Surface to	500'
Oil and/or Gas	Delaware @	5,360'
	Bone Springs @	9,520'
	Strawn @	13,750'
	Atoka Morrow @	14,780'
	Devonian @	19,000'
	Fusselman @	20,120'
	Ellenburger @	22,000'

All water, oil and gas will be confined to well bore with drilling mud, casing and cement.

4. Proposed casing and cement programs:-

- (a) 30" conductor @  $\pm 40'$ . Cement with 6 yards of Redi-mix.
- (b) 20", 106.5#/ft, K-55, ST&C surface casing @ 1100'. Cement with 2200 sacks of Class "C" w/2% Gel and 5#/sk Gilsonite followed with 550 sacks of Class "C" containing 2%  $\text{CaCl}_2$ . Circulate cement to surface.