

## DRILLING PROGRAM

Attached to Form 3160-3  
Marbob Energy Corporation  
Apache Springs Federal No. 1  
1442' FNL & 2174' FWL  
Sec. 34, T-10S, R-30E  
Chaves County, New Mexico

1. Geologic Name of Surface Formation:

Permian  
Quaternary Sandy Alluvium

2. Estimated Tops of Important Geologic Markers:

Permian	Surface	Abo	6586'
Rustler	878'	Wolfcamp	7740'
Yates	1656'	Strawn	8861'
Queen	2344'	Atoka	9281'
San Andres	2911'	Missippian	9860'
Glorietta	4276'	Devonian	10600'
Tubb	5776'	T.D.	10700'

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

Fresh Water	200'
San Andres / Oil	2911'
Devonian / Oil	10600'

No other formations are expected to give up oil, gas, or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 13 3/8" 300' and circulating cement back to surface.

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD csg</u>	<u>Weight</u>	<u>Grade</u>	<u>Jt. Cond.</u>	<u>Type</u>
17 1/2"	0 - 350'	13 3/8"	48#	J-55	STC NEW	R-3
12 1/4"	0 - 3000'	8 5/8"	24#	J-55	STC NEW	R-3
7 7/8"	0 - 10600'	5 1/2"	17#	N-80	LTC NEW	R-3