

DRILLING PROGRAM

Attached to Form 3160-3
Marbob Energy Corporation
AAO Federal No. 4
990' FNL and 990' FEL
Section 1, T-18S, R-27E
Eddy County, New Mexico

1. Geologic Name of Surface Formation:

Permian

2. Estimated Tops of Important Geologic Markers:

Permian	Surface	San Andres	1850'
Seven Rivers	450'	Glorietta	3250'
Queen	1050'		

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

Upper Permian Sands	180'	Fresh Water
Queen	1050'	Oil
San Andres	1850'	Oil
Glorietta	3250'	Oil

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 8 5/8 casing at 350' and circulating cement back to surface. Any shallower zones above TD which contain commercial quantities of oil and/or gas will have cement circulated across them by inserting a float shoe joint into the 5 1/2" production casing which will be run at TD.

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD csg</u>	<u>Weight, Grade, Jt. Cond. Type</u>
12 1/4"	0 - 1320'	8 5/8"	24# J-55 LTC NEW R-3
7 7/8"	350' - TD	5 1/2"	17# J-55 LTC NEW R-3

Cement Program:

8 5/8" Surface Casing: Cemented to surface with 300sx of Class C w/2% cc.

5 1/2" Production Casing: Cemented with 750sx Class C.