

DRILLING PROGRAM



Attached to Form 3160-3  
Marbob Energy Corporation  
Coffee Federal No. 3  
2285' FNL and 1800' FEL  
Section 18-17S-31E  
Eddy County, New Mexico

1. Geologic Name of Surface Formation:

Permian

2. Estimated Tops of Important Geologic Markers:

Permian	Surface	Seven Rivers	1340'
Salt	450'	Queen	2430'
Base of Salt	1100'	Grayburg	2804'
Yate	1225'	San Andres	3134'

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

Upper Permian Sands	180'	Fresh Water
Yates	1225'	Oil
Seven Rivers	1340'	Oil
Queen	2430'	Oil
Grayburg	2804'	Oil
San Andres	3134'	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 450' 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>			
17 1/2"	0 - 450'	13 3/8"	48#	J-55	LTC NEW	R-3
12 1/4"	450'-1250'	8 5/8"	24#	J-55	LTC NEW	R-3
7 7/8"	1250'-6000'	5 1/2"	17#	J-55	LTC NEW	R-3