

## DRILLING PROGRAM

Attached to Form 3160-3  
Marbob Energy Corporation  
Federal B A No. 1  
330' FSL and 1650' FEL  
Section 34-T215-R31E  
Eddy County, New Mexico

1. Geologic Name of Surface Formation:

Permian

2. Estimated Tops of Important Geologic Markers:

Permian	Surface
Top of Salt	880'
Base of Salt	3933'
Delaware	4217'
Bone Springs	8118'

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

Delaware	4217'	Oil
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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 casing at 850' 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 show 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 Casing</u>	<u>Wt, Grade, Jt. Cond, Type</u>
17 1/2	0 - 850	13 3/8	48# H-40 STC
12 1/4	0 - 4050	8 5/8	32 24# J-55 Buttress
7 7/8	0 - 8300	5 1/2	17# N-80

*per Sherrel Baker  
@ Marbat 7-10-02  
ACS*