

DRILLING PROGRAM

Attached to Form 3160-3
Marbob Energy Corporation
Zebra "FF" Federal No. 1
1980' FNL and 1980' FWL
Section 7-21S-25E
Eddy County, New Mexico

1. **Geologic Name of Surface Formation:**

Permian

2. **Estimated Tops of Important Geologic Markers:**

Permian	Surface	Cisco/Canyon	8300'
San Andres	850'	Strawn	9250'
Delaware	1450'	Atoka	9470'
Bone Springs	3750'	Morrow	10000'
Wolfcamp	7250'		

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

Permian	Surface	Fresh Water
Delaware	1450'	Oil
Bone Springs	3750'	
Wolfcamp	7250'	
Cisco/Canyon	8300'	Gas
Morrow	9845'	Gas

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 1500' 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 T.D. to sufficiently cover all known oil and gas horizons above 200'.

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 -1500'	8 5/8"	24# J-55 LTC NEW R-3
7 7/8"	0 - TD	5 1/2"	17# J-55 LTC NEW R-3

Cement Program:

8 5/8" Surface Casing:
5 1/2" Production Casing:

Cemented with 1000sx Class C. Circulate to surface.
Cement with 1750sx Class C. Will attempt to circulate to cover 200' above all oil and gas horizons. to tie into surface.