

### DRILLING PROGRAM

Attached to Form 3160-3

Pogo Producing Company

Patton "17" Federal No. 12  
990' FNL & 1980' FEL  
Unit Letter B, NW/NE  
Section 17, T24S, R31E  
Eddy County, New Mexico

1. Geologic Name of Surface Formation: Permian
2. Estimated Tops of Important Geologic Markers and
3. Estimated Depths of Fresh Water, Oil, and Gas:

<u>Formation</u>	<u>Depth</u>	<u>Fluid Content</u>
Permian	Surface	Fresh water at +250'
Rustler Anhydrite	500'	-----
Top of Salt	900'	-----
Base of Salt	2800'	-----
Lamar Lime	4360'	-----
Delaware Sands	4390'	-----
Bone Spring	8204'	Oil
Total Depth	8350'	

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 10-3/4" casing at 650' into the Rustler anhydrite and circulating cement to surface. Potash will be protected by setting 7-5/8" intermediate casing at 4250' and circulating cement to surface. 4-1/2" production casing will be set at TD, and cement will be brought back to at least 3000', thus ensuring that all zones are adequately isolated. The pore pressure gradient is normal (+8.4 ppg) down through the Bone Springs. No abnormal pressures are anticipated.