

DRILLING PROGRAM

Attached to Form 3160-3
Mallon Oil Company
Mallon 27 Federal No. 3
1980' FNL, 660' FWL, Sec. 27, T19S R34E
Lea County, New Mexico

Lease Number: NM-04452

1. Geologic Name of Surface Formation :
Quaternary Alluvium
2. Estimated Tops of Important Geologic Markers

Quaternary Alluvium	Surface
Rustler	1590'
Top of Salt	1720'
Base of Salt	3326'
Yates	3513'
Seven Rivers	3821'
Queen	4516'
Delaware	5800'
Total Depth	8300'

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

Quaternary Alluvium	300'	Fresh Water.
Yates	3513'	Oil
Queen	4516'	Oil
Delaware	5800'	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 9 5/8" casing at 1500' and circulating cement back to surface. Potash will be protected by setting 5 1/2" casing at total depth and circulating cement back to 1300' from surface.