

ADDITIONAL INFORMATION FOR
"APPLICATION FOR PERMIT TO DRILL"
GETTY OIL COMPANY
MYERS LANGLIE MATTIX UNIT WELL NO. 32

- (1) The geologic name of the surface formation is Quaternary Alluvium.
- (2) The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth from surface</u>
Anhydrite	1160'
Salt	1270'
Yates	2870'
Seven Rivers	3120'
Queen	3300'
Penrose	3400'

- (3) The estimated depths at which anticipated water and oil could be encountered are

<u>Depth</u>	
50' - 300'	Possible small volume of fresh water.
2870' - 3120'	(Yates) Possible gas.
3200' - 3700'	(Langlie Mattix) Oil.

- (4) The proposed casing program - See attached "Application For Permit To Drill"
- (5) The minimum specifications for pressure control equipment to be used - See Figure 1. The BOP stack will be tested to 5000 psi.
- (6) The drilling fluid will consist of brine with sufficient gel to condition hole for logging and running casing.
- (7) The auxiliary equipment to be used is as follows:
- (1) Kelly Cocks
 - (2) Sub on the floor with a full opening valve to be stabbed into drill pipe when the Kelly is not in the string.
- (8) There will be no coring or drill stem tests. The logging program is as follows:
- | <u>Type Log</u> | <u>Interval</u> |
|---------------------------------------|-----------------|
| Compensated Neutron-Formation Density | 2500' - 3700' |
| Dual Lateral | 2500' - 3700' |
- (9) No anticipated abnormal pressures or temperatures or hydrogen sulfide gas are expected to be encountered.
- (10) The expected starting date is November 1, 1977. It is anticipated that this well should be drilled and completed in 12 days.