

ADDITIONAL INFORMATION FOR  
"APPLICATION FOR PERMIT TO DRILL"  
GETTY OIL COMPANY  
MYERS LANGLIE MATTIX UNIT WELL NO. 48

- (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	2660'
Seven Rivers	2925'
Queen	3230'
Penrose	3500'

- (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.
2660'	(Yates) Possible gas.
3230'	(Queen) 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 | Surface-3750'   |
| Dual Lateral RXO                      | 2500'-3750'     |
- (9) No anticipated abnormal pressures or temperature or hydrogen sulfide gas are expected to be encountered.
- (10) The expected starting date is May 29, 1978. It is anticipated that this well should be drilled and completed in 12 days.