

ADDITIONAL INFORMATION FOR
 "APPLICATION FOR PERMIT TO DRILL"
 GETTY OIL COMPANY
 GETTY P. S. FEDERAL NO. 1

1. The geologic name of the surface formation is assignable to the camborthids-calciorthids association.
2. The estimated tops of important geologic markers are as follows:

<u>FORMATION</u>	<u>DEPTH FROM SURFACE</u>	<u>DEPTH SUBSEA</u>
San Andres	585'	+3094'
Glorietta	1650'	+2029'
Tubb	3155'	+524'
Abo	3755'	-76'

3. The estimated depths at which anticipated water and oil could be encountered are:

DEPTH

50' - 580' Possible fresh water
 585' - 1650' San Andres - possible oil
 3690' - 4200' Abo - possible gas

4. The proposed casing program is as follows:

<u>SIZE</u>	<u>GRADE</u>	<u>THREAD</u>	<u>WT.</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>LENGTH</u>
10 3/4"	H-40	8RST&C	40.5#	Surface	920'	920'
*7"	K-55	8RST&C	20#	Surface	1600'	1600'
4 1/2"	K-55	8RST&C	10.5#	Surface	4200'	4200'

*Will run only if lost circulation is a problem.

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 from surface to 900' will be fresh water of sufficient gel to condition the hole for running casing. From 900' to 3400', a native mud system will be used with brine and LCM added for stability and seepage. From 3400' to TD, a salt gel system will be used to condition the hole for logging and running casing.
7. The auxiliary equipment to be used is as follows:
 - a. Kelly cocks.
 - b. Monitoring equipment on the mud system.
 - c. 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 are no anticipated drill stem tests or cores to be cut.

EXHIBIT "A"

Getty Oil Company
Getty P. S. Federal
Well No. 1

1650 FEL & 1650 FSL
Section 8, T6S, R26E

