## DRILLING PROGRAM

## OGS OPERATING CO., INC.

## Fat Nose "27" Fed #1

In conjunction with Form 3160-3, Application to Drill the subject well, OGS Operating Co., Inc. submits the following ten items of pertinent information in accordance with Onshore Oil & Gas Order No. 1.

- 1. Geologic Name of Surface Formation: Alluvium
- 2. Estimated Tops of Significant Geologic Markers:

Yates	1590′
Seven Rivers	1680′
Queen	2275′
San Andres	2710′
Total Depth	3550′

3. The estimated depths at which water, oil or gas formations are expected;

Water None expected in area Oil/Gas/Water San Andres 2750'-3300'

- 4. Proposed Casing Program: See Form 3160-3 and Exhibit A
- 5. Pressure Control Equipment: See Exhibit B
- 6. Drilling Fluid Program: See Exhibit C
- 7. Auxiliary Equipment: A mud logging unit will be utilized to monitor penetration rate and hydrocarbon shows while drilling from 2000' to 3550'.
- 8. Testing, Logging and Coring Program:

Drill Stem Tests: (No DST's are planned.)

Logging:

Dual Laterolog W/MSFL and Gamma Ray 320'-3550'
Compensated Neutron/Litho-Density/Gamma Ray 320'-3550'
Compensated Neutron/Gamma Ray (thru csg) Surface-320'

Coring: None Planned

## 9. Abnormal Conditions, Pressures, Temperatures & Potential Hazards:

No abnormal pressures or temperatures are anticipated. The estimated bottom hole temperature is 103 degrees Fahrenheit and the estimated bottom hole pressure is 1615 psi. A Blow Out Preventer System as outlined in Exhibit B will be utilized should the need arise to shut the well in prior to running and cementing production casing. The San Andres zone is our primary objective. The zones is hydrogen sulfide productive in the area. Our plan is to have everyone on location trained in  $\rm H_2S$  safety procedures and install monitors and Scott Air Packs at strategic locations around the rig by 1500', prior to encountering the San Andres. It is our understanding that  $\rm H_2S$  is only detected in the area whenever the reservoir fluids are produced up the wellbore. Our drilling fluid hydrostatic head