

## SUPPLEMENTAL DRILLING DATA

KEITH COLLINS PETROLEUM CORP.  
WELL NO.1 COPELAN FEDERAL

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

San Andres	550
Glorieta	1900
Yeso	2080

3. ANTICIPATED POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

Fresh Water	Upper San Andres
Oil	Lower San Andres
Oil	Yeso

4. PROPOSED CASING AND CEMENTING PROGRAM:

<u>CASING SIZE</u>	<u>SETTING DEPTH</u>		<u>WEIGHT</u>	<u>GRADE</u>	<u>JOINT</u>
	<u>FROM</u>	<u>TO</u>			
10-3/4"	0	380	32.3#	H-40	STC
7"	0	960	17#	H-40	STC
4-1/2"	0	3200	9.5#	H-40	STC

10-3/4" casing will be cemented with approximately 350 sacks of Class "C" with 2% CaCl. Cement to circulate.

7" casing will be cemented with approximately 800 sacks of Class "C" cement. Cement to circulate.

4-1/2" casing will be cemented with approximately 350 sacks of Class "C" cement. Cement to circulate.

Equivalent or better grades and weights of casing may be substituted, depending on availability.

Cement quantities and additives may be varied to best suit hole conditions at the time casing is run.