

SUPPLEMENTAL DRILLING DATA

CHAMPLIN PETROLEUM CORPORATION
WELL #1 GROOMS FEDERAL
660' FNL & 660' FEL SEC. 34-21S-24E
EDDY COUNTY, NEW MEXICO

1. SURFACE FORMATION: Artesia Group of Permian Age.

2. ESTIMATED GEOLOGIC TOPS:

Grayburg	370'	Cisco	7540' 7390
San Andres	800' 720	Strawn	8470'
Glorietta	2470' 2360	Atoka	8700'
Bone Springs	2850' 2770	Morrow	9500'
Wolfcamp	6960' 6000	Barnett	10100'

3. POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

Fresh Water: Above 1700'
Gas: Cisco-Canyon, Strawn, Atoka, Morrow

4. PROPOSED CASING PROGRAM:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
13 3/8"	0 - 300'	48#	H-40	STC
8 5/8"	0 - 2300'	24#	K-55	STC
5 1/2"	0 - 3500'	17#	N-80	LTC
	3500 - 4500'	17#	K-55	LTC
	4500 - 8100'	17#	K-55	STC
	8100 - 10100'	17#	N-80	LTC

5. PRESSURE CONTROL EQUIPMENT: Blowout preventer stack will consist of an annular-type preventer and two ram-type preventers. A sketch of BOP is attached.