



ENERGEN RESOURCES CORPORATION

**LANGLIE LYNN QUEEN UNIT #21
2,130' FNL & 657' FWL
SECTION-26, TOWNSHIP-23-S, RANGE-36-E
LEA COUNTY, NEW MEXICO**

*** DRILLING PROGRAM ***

1. GEOLOGIC NAME OF SURFACE FORMATION:

Tertiary

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Rustler	1,180'
Yates	2,960'
Seven Rivers	3,180'
Queen	3,587'
Total Depth	3,850'

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Upper Tertiary Sands 100'	Fresh Water
Seven Rivers / Queen 3,180'	Oil

4. CASING / CEMENTING PROGRAM

Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD Casing</u>	<u>Grade / Weight / Conn / Cond.</u>
12 1/4"	0-300'	8 5/8"	J-55 / 24.00# / ST&C / New
7 7/8"	0-3,850'	5 1/2"	J-55 / 15.50# / LT&C / New

Cementing Program:

8 5/8" Surface Casing: Cement back to Surface with 225 sacks of Class "C" cement w/ 1/4# of Cello-Flake & 2% CaCl₂ per sack.

5 1/2" Production Casing: Cement back to Surface with 325 sacks of 50/50 Poz "C" cement w/ 10% Gel, 5% Salt, 0.5% FL-50, 5# Gilsonite, & 1/4#/sack Cello Flake, followed by 175 sacks of 50/50 Poz "C" cement w/ 5% Salt, 0.6% FL-62, 0.5% CD-32, 0.2% SMS, 5# Gilsonite, & 1/4#/sack Cello Flake.