

SUPPLEMENTAL DRILLING DATA

PENWELL ENERGY, INC.
WELL NO.1 MESCALERO 11 FEDERAL



1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Yates	1560'	Cisco	8190'
Queen	2280'	Canyon	8520'
San Andres	2840'	Strawn	8920'
Glorieta	4100'	Atoka	9250'
Yeso	4210'	Mississippi	9580'
Wolfcamp	7595'	Woodford	10,235'
		Devonian	10,259'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Devonian Oil

4. PROPOSED CASING AND CEMENTING PROGRAM:

CASING SIZE	SETTING DEPTH		WEIGHT	GRADE	JOINT
	FROM	TO			
13-3/8"	0	450'	48#	H-40	STC
8-5/8"	0	2400'	24#	K-55	STC
"	2400'	3000'	24#	S-80	STC
5-1/2"	0	2200'	17#	K-55	BUTT
"	2200'	8200'	17#	K-55	STC
"	8200'	10,500'	17#	N-80	LTC

13-3/8" casing to be cemented with approximately 450 sacks of Class "C" with 2% CaCl. Cement to circulate.

8-5/8" casing to be cemented with sufficient light cement, tailed in with 200 sacks of Class "C", to circulate.

5-1/2" casing to be cemented with 500 sacks of Class "H".

Cement type and additives may be varied at time work is done to better suit hole conditions.