

SUPPLEMENTAL DRILLING DATA

MARSHALL & WINSTON, INC.
WELL NO.2 QUERECHO FEDERAL

1. SURFACE FORMATION: Quaternary
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler Anhydrite	1125
Salt	1155
Base Salt	2530
Yates	2680
7-Rivers	2930
Queen	3900
Penrose	4160
Bell Canyon	4765
Bone Springs	6850
1st Bone Springs Sd.	8320

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Bone Springs Oil

4. PROPOSED CASING AND CEMENTING PROGRAM:

CASING SIZE	SETTING DEPTH		WEIGHT	GRADE	JOINT
	FROM	TO			
13-3/8"	0	350'	48#	H-40	STC
8-5/8"	0	2400'	24#	K-55	STC
"	2400'	3000'	24#	S-80	STC
5-1/2"	0	1000'	15.5#	K-55	BUTT
"	1000'	6800'	15.5#	K-55	STC
"	6800'	8600'	17#	K-55	STC

Equivalent or adequate grades and weights of casing may be substituted at time casing is run, depending on availability.

13-3/8" casing will be cemented with approximately 350 sacks of Class "C" cement. Cement to circulate.

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

5-1/2" casing will be cemented with approximately 300 sacks of Class "C" cement.