

SUPPLEMENTAL DRILLING DATA

BTA OIL PRODUCERS

8709 JV-P Young No. 2

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

Anhydrite	1,294'
Yates	3,189'
Queen	4,004'
San Andres	4,604'
Bone Springs	6,444'
1st Bone Springs Dol.	8,324'
2nd Bone Springs Sand	8,814'
3rd Bone Springs Sand	9,474'
Wolfcamp	9,819'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Queen	4,004'
1st Bone Spring Dol.	8,324'
2nd Bone Spring Sand	8,814'
Wolfcamp	9,819'

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>			
13-3/8"	0	500	54.5#	J-55	STC
8-5/8"	0	3,000'	24# & 32#	K-55	STC
5-1/2"	0	8,200'	17#	K-55	LTC
	8,200'	10,200'	17#	N-80	LTC

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

13-3/8" casing will be cemented with approximately 550 sacks of Class "C" with 2% CaCl₂ cement to circulate to surface.

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

5-1/2" casing will be cemented with sufficient light cement, tailed in with 600 sacks of Class "H" cement, to tie back into the intermediate casing.