

SUPPLEMENTAL DRILLING DATA

BTA Oil Producers

8710 JV-P Tank No. 1

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

Delaware Sand	2500 feet
Bone Spring	4070 feet
Wolfcamp	7700 feet
Strawn	9000 feet
Atoka	9220 feet
Morrow	9750 feet

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

<u>Formation</u>	<u>Depth, Ft.</u>	<u>Content</u>	<u>Protection</u>
Strawn	9050	Gas	Casing & Cement
Morrow	9750	Gas	Casing & Cement

4. PROPOSED CASING AND CEMENTING PROGRAM:

<u>Casing, size</u>	<u>From</u>	<u>To</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
13-3/8"	0	400'	54,5#	J-55	STC
8-5/8"	0	2,600'	24# & 32#	K-55	STC
5-1/2"	0	8,200'	17#	K-55	LTC
5-1/2"	8,200	10,100'	17#	N-80	LTC

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

13-3/8" casing will be cemented with approximately 450 sacks of Class C cement with 2% CaCl₂ and circulated to the surface.

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

5-1/2" casing will be cemented with sufficient light cement, tailed in with 500 sacks of Class H cement, to tie back into the intermediate casing approximately 1,000 feet.

5. PRESSURE CONTROL EQUIPMENT:

Blowout prevention equipment will consist of dual 3,000 psi working pressure, hydraulically operated, ram-type preventers.

A BOP sketch is attached.