SUPPLEMENTAL DRILLING DATA

TXO PRODUCTION CORP. WELL NO.3 WILLIAMSON "A" FEDERAL

1. SURFACE FORMATION: Rustler (Permian)

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler	238
Salado	510
Yates	1116
Delaware	3065
Bone Springs	5880
Strawn	10,460
Atoka	10,780
Morrow	11,400

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

0il	Bone Springs		
Gas	Strawn		
Gas	Morrow		

4. PROPOSED CASING AND CEMENTING PROGRAM:

	SETTING D	EPTH			
CASING SIZE	FROM	<u>T0</u>	WEIGHT	GRADE	JOINT
13-3/8"	0	500	48#	H-40	STC
8-5/8"	0	2500	24#	K-55	STC
11	2500	3100	32#	K-55	STC
4-1/2"	0	1200	11.6#	N-80	BUTT
•	1200	11,000	11.6#	N-80	LTC
	11,000	12,000	11.6#	S-95	LTC

13-3/8" casing will be cemented with sufficient light cement, tailed in with 200 sacks of Class "C", to circulate.

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

4-1/2" casing will be cemented with approximately 500 sacks of Class "H". Equivalent grades and weights of casing, or better, may be substituted