

SUPPLEMENTAL DRILLING DATA

PRIMARY FUELS, INC.

WELL NO.3 PFI AMOCO 19 FEDERAL

1. SURFACE FORMATION: Alluvium over Tansil (Permian)

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Capitan Reef	600'
Delaware	2226'
Bone Springs	4700'
Wolfcamp	8318'
Strawn	9848'
Morrow	10,850'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Oil	Delaware
Gas	Morrow

4. PROPOSED CASING AND CEMENTING PROGRAM:

CASING SIZE	SETTING DEPTH		WEIGHT	GRADE	JOINT
	FROM	TO			
13-3/8"	0	600'	48#	H-40	STC
8-5/8"	0	2200'	24#	K-55	STC
5-1/2"	0	2500'	20#	N-80	LTC
"	2500'	10,700'	17#	N-80	LTC
"	10,700'	11,350'	20#	N-80	LTC

13-3/8" casing will be cemented with 650 sacks of Class "C" cement with 2% CaCl. Cement to circulate.

8-5/8" casing to be cemented with sufficient light cement, tailed in with 100 sacks of Class "H" cement, to circulate.

5-1/2" casing to be cemented with 470 sacks of Class "H" cement.

5. PRESSURE CONTROL EQUIPMENT:

Blowout prevention equipment will consist of a 3000 psi working pressure, ram type, dual preventer and a 3000 psi working pressure annular type preventer.

A BOP sketch is attached.