

## SUPPLEMENTAL DRILLING DATA

PRIMARY FUELS, INC.

WELL NO.1 PFI AMOCO 19 FEDERAL

1. SURFACE FORMATION: Alluvium over Tansil (Permian)
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Top Yates	250'
Top Capitan Reef	384'
Top Delaware	2692'
Top Bone Springs	4960'
Top Wolfcamp	8675'
Top Strawn	10,050'
Top Morrow	11,100'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Morrow	Gas
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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	2900'	40#	K-55	STC
5-1/2"	0	2500'	20#	N-80	LTC
"	2500'	10,700'	17#	N-80	LTC
"	10,700'	11,650'	20#	N-80	LTC

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

8-5/8" casing to be cemented with 815 sacks Class "H" w/ 8# gel and 1/4# celloflake per sack tailed-in with 100 sacks of Class "H" neat - 100% excess of amount calculated to fill annulus to surface.

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.