

SUPPLEMENTAL DRILLING DATA

EARLE M. CRAIG, JR. CORPORATION

WELL NO.1 SPITFIRE 19

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Delaware Lime	3832
Cherry Canyon	4752
Bone Springs	7750
Third Bone Springs	10,530
Wolfcamp	10,836

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Wolfcamp	Gas
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4. PROPOSED CASING AND CEMENTING PROGRAMS:

CASING SIZE	SETTING DEPTH		WEIGHT	GRADE	JOINT
	FROM	TO			
20"	0	40'	Conductor	Casing	
13-3/8"	0	1000'	48#	H-40	STC
9-5/8"	0	3400'	36#	K-55	STC
"	3400'	3750'	36#	S-80	STC
7" Liner	3300'	6350'	23#	N-80	LTC
"	6350'	10,350'	23#	S-95	LTC
"	10,350'	12,050'	26#	S-95	LTC
4-1/2"	0	2400'	11.6#	N-80	BUTT
"	2400'	9600'	11.6#	N-80	LTC
"	9600"	13,000'	11.6#	S-95	LTC

13-3/8" casing will be cemented with approximately 1000 sacks of Class "C" cement. Cement to circulate.

9-5/8" casing will be cemented with approximately 1200 sacks of Lite plus 360 sacks of Class "C". Cement to circulate.

7" liner will be cemented in two stages with DV tool at approximately 7500'. First stage will be approximately 470 sacks of Lite plus 160 sacks of Class "H". Second stage will be approximately 650 sacks of Lite plus 100 sacks of Class "H".