

**ATTACHMENT TO FORM 3160-3  
WHITE TIP 7 FEDERAL COM #1  
1,550' FSL AND 990' FEL  
SECTION 7, T22S, R26E  
EDDY COUNTY, NEW MEXICO**

**DRILLING PROGRAM**

1. GEOLOGIC NAME OF SURFACE FORMATION

Red Bed

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

T/Rustler	1,400'	T/Atoka	10,450'
T/Delaware	2,600'	T/Morrow	10,850'
T/Wolfcamp	4,850'		
T/Strawn	9,950'		

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL, OR GAS

Delaware	3,640'	Oil
Strawn	10,180'	Gas
Morrow	11,040'	Gas

4. 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'	300'	48#	H40	STC
9-5/8"	0'	2,600'	36#	J55	LTC
5-1/2"	0'	11,700'	17#	J55,N80	LTC

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

We plan to drill a 17-1/2" hole to equal 300'. 13-3/8" casing will be cemented with 500 sx or volume necessary to circulate to surface.

12-1/4" hole will be drilled to ~~2,900'~~<sup>2,600'</sup> and 9-5/8" casing will be cemented with 1,200 sx Class "C" or volume necessary to bring cement back to surface.

7-7/8" hole will be drilled to 11,700' and 5-1/2" production casing will be cemented with approximately 500 sx of Class "H" cement.