

**ATTACHMENT TO FORM 3160-3
WAPITI 31 FEDERAL COM #1
SECTION 31, T18S, R34E
LEA COUNTY, NEW MEXICO**

DRILLING PROGRAM

1. GEOLOGIC NAME OF SURFACE FORMATION

Red Bed

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Rustler	1650'	Wolfcamp	10,650'
B/Salt	3050'	Strawn	12,220'
Delaware	5750'	Atoka	12,510'
Bone Spring	7750'	Morrow	12,850'
T/1 st Bone Sp	9000'	TD	13,700'

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

Bone Spring	Oil	9600'
Morrow	Gas	13,400'

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'	350'	48#	J55	STC
8-5/8"	0'	5,200'	32#	J55	STC
5-1/2"	5,200'	13,700'	17# & 20#	J55,N80	LTC&BTC

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 350'. 13-3/8" casing will be cemented with 300 sxs Class "C" or volume necessary to bring cement back to surface.

11" hole will be drilled to 5,200' and 8-5/8" casing will be cemented with 1,800 sxs Class "C" or volume necessary to bring cement back to surface.

7-7/8" hole will be drilled to 13,700' and 5-1/2" production casing will be cemented with approximately 925 sxs of Class "H" cement covering productive zones.

