

**ATTACHMENT TO FORM 3160-3  
PYTHON 3 FEDERAL #7  
SECTION 3, T20S, R33E  
LEA COUNTY, NEW MEXICO**

**DRILLING PROGRAM**

1. GEOLOGIC NAME OF SURFACE FORMATION

Sand Dunes

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

T/Rustler	1400'	T/Bone Spring	8,125'
T/Yates	3360'	T/1 <sup>st</sup> Bone Spring SD	9,280'
T/Capitan Reef	3650'		
T/Delaware	5300'		

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

Brushy Canyon	6500'	Oil
1 <sup>st</sup> Bone Spring SD	9280'	Oil

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' - 500'		48#	J55	STC
8-5/8"	0' - 1000'		24#	J55	STC
8-5/8"	1000' - 3300'		32#	J55	STC
5-1/2"	0' - 9,700'		17#	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 500'. 13-3/8" casing will be cemented with 400 sx or volume necessary to circulate to surface.

11" hole will be drilled to 3300' and 8-5/8" casing will be cemented with 1200 sx Class "C" or volume necessary to bring cement back to surface.

7-7/8" hole will be directionally drilled to 9700' and 5-1/2" casing will be cemented with 1500 sx or volume necessary to cover productive zones.