

DRILLING PLAN  
Nasser Federal #1  
Section 1 , T-21-S, R-21-E  
Eddy County, New Mexico

1. Estimated tops of important geological markers:

Abo	:	3,460'
Wolfcamp:		4,800'
Morrow	:	7,750'
Chester	:	8,050'

2. Estimated depths at which the top of anticipated water, oil, gas or other mineral-bearing formations are expected to be encountered and the plan for protecting such resources.

	<u>Depth</u>	<u>Protection</u>
Deepest FW:	1,100'	Casing and Cement
Gas-Morrow:	7,750'	Casing and Cement

3. Minimum specifications for pressure control equipment:

- A. Wellhead Equipment: Flange type, 3000 psi x 5000 psi WP for 13-3/8" x 8-5/8" x 5-1/2" casing program with 2-7/8" tubing hanger.
- B. Blowout Preventers: Refer to attached drawings and lists of equipment titled "Type RRA" for description of BOP stacks and choke manifold.
- C. BOP Control Unit : Unit will be hydraulically operated and have two control systems.
- D. Testing : Upon installation, the Type RRA BOPs for the 13-3/8" surface casing will be tested to a low pressure (200-300 psi) and to a high pressure of 2000 psi. Casing rams will be tested in a like manner. An operational test of the blowout preventers will be performed on each round trip (but not more than once each day); the annular and pipe ram preventers will be closed on drill pipe and the blind rams will be closed while pipe is out of the hole.