

DRILLING PLAN
Burton Flat Federal E-2
Section 1, T-21-S, R-27-E
Eddy County, New Mexico

1. Estimated tops of important geological markers:

Delaware Mt. Grp.: 2,500'
Bone Spring : 5,000'

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	: 500'	Casing & Cement
Oil-Bone Spring	: 5,000'	Casing & Cement

3. Minimum specifications for pressure control equipment:

- A. Wellhead Equipment: Thread type, 3000 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 BOP's for the 13-3/8" surface casing and the 8-5/8" intermediate 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.