

10 POINT PLAN
Yates Federal C-34
Section 5, 21S, 27E
Eddy County, New Mexico
July 29, 1983

1. The geologic name of the surface formation: Recent

2. The estimated tops of important geologic markers:

Delaware Mt. Grp. : 2,500'
Bone Spring : 4,900'

3. The estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to occur:

Deepest FW : 500'
Oil
Bone Spring : 4,900'

4. Proposed casing program:

<u>STRING</u>	<u>SIZE</u>	<u>WEIGHT/GRADE</u>	<u>CONDITION</u>	<u>DEPTH INTERVAL</u>
Conductor	20"	94#/H-40	New	0- 40'
Surface	13-3/8"	54.5#/K-55	New	0- 600'
Intermediate	8-5/8"	24#/K-55	New	0-2500'
Production	5-1/2"	14# & 15.5#/K-55	New	0-5300'

5. Minimum specifications for pressure control equipment:

- A. Wellhead equipment - Threaded type, 2000 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 II-C" for description of BOP stacks and choke manifold.
- C. BOP control unit- Unit will be hydraulically operated and have at least two control stations.
- D. Testing - Upon installation, the Type II-C BOP's for the 13-3/8" surface casing and 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 body-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 rams preventers will be closed on drill pipe and the blind rams will be closed while the pipe is out of the hole.