

KIRPATRICK FEDERAL #1
Ten Point Plan
Eddy County, New Mexico
Federal Lease No. NM-26072

1. The geologic name of the surface formation: Recent
2. The estimated tops of important geologic markers:

Salado	280'
Yates	700'
Seven Rivers	920'
Queen	1675'
Grayburg	1830'
Premier Sand	2190'

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

Water	0-280'
Oil & Gas	- Queen
Oil	- Seven Rivers

4. Proposed Casing Program:

<u>String</u>	<u>Size</u>	<u>Weight/Grade</u>	<u>Condition</u>	<u>Depth Interval</u>
Surface	8 5/8"	24/K-55/STC	New or Used	0- 350'
Production	5 1/2"	14/K-55/STC	New or Used	0-2300'

5. Minimum specifications for pressure control equipment.

- a. Wellhead Equipment - Threaded type 2000 psi WP for 8 5/8" x 5 1/2" casing program and 2 7/8" tubing.
- b. Blowout Preventers - Refer to attached drawing and list of equipment titled "Type II-C" for description of BOP stack and choke manifold.
- c. BOP Control Unit - Unit will be hydraulically operated and have at least 4 control stations.
- d. Testing - When installed on 8 5/8" surface casing the BOP stack will be tested to a low pressure (200-300 psi) and to 2000 psi. Casing rams will be tested in like manner when installed prior to running production casing. 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.