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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

District I PO Box 1980, Hobba, NM **3528-1980** District II PO Drawer DD, Artesia, NM **35211-0719** District III 1000 Rio Brazos Rd., Aztec, NM **37410** District IV PO Box 2088, Santa Fe, NM **35504-**2088

State of New Mexico Energy, Minerais & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

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APPLICATION FOR DRILLING

Ray Westall Maverick Federal No. 2 1980 FSL & 1650 FWL Section 19 Township 19 South, Range 33 East Lea County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill, Ray Westall submits the following ten items of pertinent information in accordance with BLM requirements:

- 1. The geological surface formation is Quaternary.
- 2. The estimated tops of geologic markers are as follows:

Yates	3470
Delaware	5800
Bone Springs	7600

- 3. The estimated depths at which anticipated water, oil & gas formations are expected to be encountered: Water 0-180' Oil and gas zones 3470-7600'
- 4. Proposed casing program: See 3160-3
- 5. Pressure Control Equipment: A 10" 900s BOP will be installed on the 8 5/8"casing and tested to 3,000# prior to drill out.
- 6. Mud Program: Fresh water in surface hole. Brine in intermediate hole. Cut brine in production hole.
- 7. Auxiliary Equipment: None
- 8. Logging Program: CNL/FDC/Gr., DLL.
- 9. No abnormal pressures or temperatures are anticipated. Estimated BHP is 3500#, Estimated BHT is 130.F

BOPE SCHEMATIC -



Choke Manifold Requirement (3000 psi WP)

