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August 16, 1978

State of New Mexico
Energy & Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

ATTENTION: Mr. Joe D. Ramey, Secretary-Director

Gentlemen:

Re: Wellbore Commingling, Warn State A/C 1 Well No. 3, Vacuum Wolfcamp
and Vacuum Upper Penn Pools, Lea County, New Mexico

Marathon Oil Company respectfully request administrative approval to permit downhole commingling of production from the Vacuum Wolfcamp and Vacuum Upper Pennsylvanian oil pools in the Warn State A/C 1 Well No. 3 located in Unit F, Section 31, Township 17-South, Range 35-East, Lea County, New Mexico.

This well is a triple tubingless completion producing from Vacuum, North Abo; Vacuum Wolfcamp; and Vacuum Upper Pennsylvanian pools, Order No. MC-1509.

The Upper Pennsylvanian zone has depleted to the point where it is unable to flow without frequent swabbing. The other two zones, North Abo and Wolfcamp are currently being lifted via rod pump utilizing two Lufkin 228 pumping units.

In support of this request and in accordance with Rule 303, Paragraph C, the following facts and exhibits are submitted:

1. The attached plat shows the Warn State A/C 1 Lease and the location of Well No. 3.
2. Form C-116 showing current oil, water, and gas tests of Vacuum Wolfcamp and Vacuum Upper Penn pools.
3. Attached static bottom-hole pressure recording of the Vacuum Wolfcamp and Vacuum Upper Penn pools.
4. Attached production decline curves of each zone showing a steady rate of production decline.

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FEDERAL BUREAU OF INVESTIGATION
COMMUNICATIONS SECTION
WASHINGTON, D. C.