NSP-388 om 9/17

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Drawer D Monument, New Mexico August 5, 1957

New Mexico Oil Conservation Commission P. O. Box 871 Santa Fe, New Mexico

> Re: Application for Non-Standard Gas Proration Unit for Amerada Mathers No. 2, Bagley-Upper Pennsylvanian Gas Pool

Gentlemen:

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By this letter of application Amerada Petroleum Corporation wishes to state the following:

1. That the Amerada Petroleum Corporation Mathers No. 2, located in the SE/4 SE/4 Section 3-12S-33E, Lea County, New Mexico is presently classified as an oil well, and is carried on the Eagley Pennsylvanian Oil Provation Schedule.

2. That the subject well is further located within the vertical and horizontal limits of the Bagley-Upper Pennsylvanian Gas Pool, as set out in Oil Conservation Commission Order No. R-991.

3. That on a test of the subject well taken July 15, 1957, the well produced 21 bbls of distillate $(68.0^{\circ} \text{ API})$ and 591.08 MCF of gas, with a gas-oil ratio of 28,147 cu. ft./bbl. Flow was through a 10/64 in. choke, with a flowing tubing pressure of 1600 psi.

4. That applicant desires to have the status of the subject well changed from oil well to gas well.

5. That applicant proposes to assign 120 acres to the subject well for gas provation purposes. This acreage will comprise the N/2 SE/4 and the SE/4 SE/4 Section 3-T12S-R33E, or all of the Mathers lease located in the SE/4 of the section. See Exhibit "A" attached.

6. That the proposed non-standard gas proration unit will meet the requirements of Oil Conservation Commission Order No. R-991 as follows:

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