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HUMBLE OIL & REFINING COMPANY

February 6, 1936

Re: Summit Gas Unit No. 1, Well No. 1,
Summit Gas Pool, Section 4, T-20-S,
R-57-E, Lea County, New Mexico

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

Attention: Mr. W. B. Macey

Gentlemen:

Humble Oil & Refining Company respectfully requests administrative approval of a 640 acre standard gas proration unit for its Summit Gas Unit No. 1, Well No. 1, located 2510 feet from the South line and 1980 feet from the East line of Section 4, T-20-S, R-57-E, Lea County, New Mexico. In support of this application, we submit the following data:

1. Summit Gas Unit No. 1 has a completion depth of 3630 feet with 5-1/2-inch casing perforated from 3496 to 3528 feet and from 3548 to 3596 feet. The tubing packer separating the perforated intervals is set at 3535 feet. The lower perforations were treated with 10,000 gallons refined oil and 10,000 pounds of sand. Tests subsequent to sand fracture treatment indicated communication had been established through the formation by the sand fracture treatment. As the packer has not been removed, the well could be tested through the tubing alone, through the annulus between the tubing and casing alone, or through both the tubing and the casing simultaneously. The accompanying test data shows that on January 28, 1936, the well tested at a rate of 4545 MCF per day.
2. The subject well is completed within both the vertical and horizontal limits of the Summit Gas Pool. We have attached an electric log which shows the vertical limits of the Summit Gas Pool and the perforated section.
3. The subject well is in compliance with the spacing rules of the Summit Gas Pool in that it is located at least 1980 feet from any boundary line of the tract.

Not
received

