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May 6, 1955

N. M. Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Attention: W. B. Macey, Director

Gentlemen:

Re: Application for non-standard proration
unit - R. W. Cowden "C" No. 4 - Jalmat
Gas Pool, Lea County, New Mexico
Order R-520

By this letter of application, Albert Gackle, operator of the R. W. Cowden "C" No. 4, located 990 feet from the north line and 1980 feet from the west line of Section 31, Twp. 23S, Range 37E, Lea County, states as follows:

1. The applicant desires a non-standard proration unit consisting of the north-half of Section 31, as described above, comprising of 320 acres, in accordance with Order R-520, Rule 5.
2. The above named well was recompleted as a gas well November 18, 1952, by perforating 5½" casing adjacent to the Yates formation from 3000' to 3090', 3100' to 3135', and 3140' to 3180'. The well is currently producing from the vertical limits of the Jalmat gas pool as defined by the Commission.
3. The Cowden "C" No. 4 is currently producing from the Jalmat gas pool with an acreage assignment of 160 acres, and more specifically described as the NW/4 of Section 31. Operator seeks additional acreage to comprise a 320-acre unit by adding the NE/4 of the section.
4. The Cowden "C" No. 5, located in the NE/4 of Section 31, and more specifically described as a location 1980 feet from the north line and 1980 feet from the east line, is an oil well producing from the vertical limits of the Langlie-Mattix oil pool as defined by the Commission. The oil string in this well is set at 3480' and the total depth is 3652 feet. The well is producing from a pay interval in open hole from 3480' to 3652 feet.

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