

OCC  
Humboldt

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NSP-233  
due 2/18/16

HUMBLE OIL & REFINING COMPANY

January 17, 1956

Re: Reclassification of Humble's New Mexico State "G" Well No. 4, Sec. 26, T-21-S, R-36-E, Arrow Pool, Lea County, New Mexico

\$ NSP

New Mexico Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

Gentlemen:

As a result of recent studies performed in conjunction with reconditioning wells in the Arrow Pool, it is apparent that our New Mexico State "G" Well No. 4, located 1980 feet from the North line and 1980 feet from the East line of Section 26, T-21-S, R-36-E, Lea County, New Mexico, should be reclassified from an Arrow Pool oil well to an Arrow Pool gas well. The well is presently carried on the Arrow Pool oil proration schedule with a 4 barrel allowable and a 16,915 - 1 gas-oil ratio.

The Arrow Pool as defined by Order R-520 includes Section 26, T-21-S, R-36-E, and designated the vertical limits to include the Yates, Seven Rivers and Queen formations. Our New Mexico State G-4 produces from the Queen formation through perforations from 3580-3612 feet and 3644-3754 feet.

On a 21-1/2 hour test on January 7, 1956, through an 18/64-inch choke, the Well produced with a gas-oil ratio of 1,011,429 - 1. The Arrow Pool rules state that a gas well will be any well having a gas-oil ratio in excess of 100,000 cubic feet per barrel.

In connection with our request that the well be reclassified as an Arrow Pool gas well, we have attached a gas unit plat dedicating the N/2 of Section 26, T-21-S, R-36-E. We also support our application with the following statements:

1. Name of well and location - New Mexico State "G" Well No. 4, located 1980 feet from the North line and 1980 feet from the East line of Section 26, T-21-S, R-36-E, Lea County, New Mexico.
2. New Mexico State G-4 was completed in the Arrow Pool prior to the effective date of Order R-520.
3. The acreage to be dedicated is 320 acres described as the N/2 of Section 26, T-21-S, R-36-E, Lea County, New Mexico.
4. The non-standard gas proration unit consists of contiguous quarter-quarter sections.

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1. The first part of the document is a list of the names of the persons who have been named in the various reports and documents which have been received from the various sources.

2. The second part of the document is a list of the names of the persons who have been named in the various reports and documents which have been received from the various sources.

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