

*DCC*  
*Hobbs*

**HUMBLE OIL & REFINING COMPANY**

**January 17, 1956**

**COPY**

*NSP-234*

*due 2/18/56*

**Re: Reclassification of Humble's New Mexico State "H" Well No. 4, Sec. 19, T-22-S, R-37-E, Lea County, New Mexico**

**NSP**

**ONLY**  
**314 Acres**  
**(www)**

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

**Gentlemen:**

As a result of a study performed in conjunction with recommissioning our New Mexico State "H" Well No. 4, located 600 feet from the North line and 1900 feet from the West line of Section 19, T-22-S, R-37-E, Lea County, New Mexico, it is apparent that this well should be classified from an oil well in the Arrowhead Pool to a gas well in the Arrow Pool.

The Arrow Pool as designated by Order R-530 includes the N/2 of Section 19, T-22-S, R-37-E, and designates the vertical limits of the Arrow Pool to include the Euton, Seven Rivers and all of the Queen formation. New Mexico State H-4 produces from the Queen formation from open hole interval 2776 feet to 2714 feet.

On an 8 hour test taken on January 15, 1956, through a 30/64-inch choke the well produced with a gas-oil ratio of 125,000 - 1. The Arrow Pool rules as set forth in Order R-530 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 19, T-22-S, R-37-E. We also support our application with the following statements:

1. Name of well and location - New Mexico State "H" Well No. 4, located 600 feet from the North line and 1900 feet from the West line of Section 19, T-22-S, R-37-E, Lea County, New Mexico.
2. New Mexico State "H" No. 4 was completed in the Arrow Pool prior to the effective date of Order R-530.
3. The acreage to be dedicated is <sup>314</sup> 314 acres described as the N/2 of Section 19, T-22-S, R-37-E, Lea County, New Mexico.
4. The non-standard gas prevention unit consists of contiguous quarter-quarter sections.
5. The non-standard gas prevention unit lies wholly within a single governmental section.

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Division of Investigation of the  
Federal Bureau of Investigation  
Washington, D. C.  
19, T-22-8, New County,  
New Mexico

1954

Division of Investigation  
Federal Bureau of Investigation  
Washington, D. C.

1954

On 10/10/54, a letter was received from the New Mexico State Police, Santa Fe, New Mexico, dated 10/10/54, in which they advised that they had received information from a confidential source that a well was being drilled in the Santa Fe area, New Mexico, for the purpose of obtaining oil. The source stated that the well was being drilled by a person known as "John Doe" and that the well was being drilled in the Santa Fe area, New Mexico, for the purpose of obtaining oil.

The source also stated that the well was being drilled in the Santa Fe area, New Mexico, for the purpose of obtaining oil. The source stated that the well was being drilled by a person known as "John Doe" and that the well was being drilled in the Santa Fe area, New Mexico, for the purpose of obtaining oil.

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