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Midland, Texas
November 10, 1952

File: 6-1

Re: Application to Dually Complete
Humble New Mexico State S-21,
Drinkard Pool, Lea County,
New Mexico

Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

Gentlemen:

By means of this application, Humble Oil & Refining Company wishes to state the following:

- (a) Humble Oil & Refining Company New Mexico State S-21, located in the NW/4 of the SW/4 of Section 2, T22S, R37E, Lea County, was completed May 18, 1950 at a total depth of 6520 feet. The 5-1/2-inch OD production casing was set and cemented at 6519 feet.
- (b) Exhibit A, attached, shows the location of subject well, other wells on the subject lease and all offset wells.
- (c) The subject well was completed as an oil well producing from the Drinkard pay through casing perforations from 6460 to 6490 feet. Exhibit B, attached, is a schematic diagram of the current completion status of the subject well.
- (d) The applicant proposes to dually complete the well to produce oil from the Drinkard pay through the tubing and gas from the Blinebry formation through the tubing-casing annulus in the following manner:
 - (1) Perforate the 5-1/2-inch casing within the approximate interval between 5450 and 5580 opposite the Blinebry pay.
 - (2) Set a production type packer below the above perforations at approximately 5650 feet to separate the two producing zones.

The manner and method of the dual completion is shown in the schematic diagram as Exhibit C.

- (e) Granting of this application for permission to produce the subject well as a dual completion as proposed is in the interest of conservation and protection of correlative rights.
- (f) The applicant will comply with all rules and regulations of the New Mexico Oil Conservation Commission to maintain separation of production from the two pay zones.

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- (g) The manner and method of the proposed dual completion is mechanically feasible and practical.

Therefore, Humble Oil and Refining Company requests that the New Mexico Oil Conservation Commission set a certain day upon which this application may be heard and after said hearing to grant permission in order that the applicant may dually complete the subject well as proposed in their application.

Respectfully Submitted,

HUMBLE OIL & REFINING COMPANY



J. W. HOUSE
Division Superintendent

JEG/jl

- Encl. Exhibit A - Plot showing all wells on Humble New Mexico State S-21 lease and offset leases.
Exhibit B - Schematic Diagram of Current Completion, Humble New Mexico State S-21.
Exhibit C - Schematic Diagram of Proposed Dual Completion, Humble New Mexico State S-21.
Exhibit D - Radioactive Log of Humble New Mexico State S-21.