

Midland, Texas
November 6, 1952

File: 6-1
Re: Application to Dually Complete Humble F. F. Hardison B-4, 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 F. F. Hardison B-4, located in the NW/4 of NE/4, Section 34, T21S, R37E, Lea County, was completed September 5, 1946 at a total depth of 6584 feet. The 5-1/2-inch OD production string of casing was set at 6583 feet.
- (b) Exhibit A, attached, is a plat showing 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 from the Drinkard pay producing through casing perforations from 6448 to 6577 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 continue to produce oil from the Drinkard pay through the tubing and gas from the Blinebry pay through the tubing-casing annulus in the following manner.
 - (1) Perforate the 5-1/2-inch OD casing within the approximate interval of 5470 to 5680 feet opposite the Blinebry pay.
 - (2) Set a production type packer below the above casing perforations at approximately 5750 feet to separate the two pay zones.

The manner and method of the dual completion is shown in Exhibit C, attached.

- (e) Granting of this application for permission to produce the well as a dual completion with oil from the Drinkard and gas from the Blinebry 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.

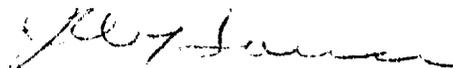
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(g) The manner and method of the proposed dual completion is mechanically feasible and practical.

Therefore, Humble Oil & 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 this application.

Respectfully Submitted,

HUMBLE OIL & REFINING COMPANY



J. W. HOUSE
Division Superintendent

JEG/jl

Encl. Exhibit A - Plat showing location of subject well, other wells on the lease and all offset wells.

Exhibit B - Schematic Diagram of Current Completion, Humble New Mexico F. F. Hardison B-4.

Exhibit C - Schematic Diagram of Manner and Method of the Dual Completion, Humble New Mexico F. F. Hardison B-4.

Exhibit D- Radioactive Log of Humble New Mexico F. F. Hardison B-4.