

Midland, Texas
October 30, 1952

File: 6-1
Re: Application to Dually Complete
Humble New Mexico State V-8,
Drinkard Field, 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: *SE/4*

- (a) Humble Oil & Refining Company New Mexico State V-8, located in the NE/4 of SW/4 of Section 10, T21S, R37E, Lea County, was completed January 30, 1952 at a total depth of 7573 feet. The 5-1/2-inch casing was set on bottom at 7573 feet.
- (b) Exhibit A, attached, is a plat of Humble New Mexico State V lease showing the location of wells on the State V lease and offset leases.
- (c) The subject well was completed as an oil well producing from the Drinkard pay through casing perforations from ~~6600~~ to ~~6670~~ feet. An unsuccessful attempt was made to complete the well through casing perforations from 7525 to 7545 feet and from 7488 to 7502 feet, after which the well was plugged back with cement to 6725 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 (current completion zone) 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 OD casing from approximately 5600 to 5680 feet.
 - (2) Set a production type packer at approximately 5750 feet to separate the two pay zones.
- (e) Granting of this application for permission to produce the well as a dual completion with oil from the Drinkard formation and gas from the Blinebry formation 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/hrs

- Encl. Exhibit A - Plat showing all wells on Humble New Mexico State V lease and offset leases.
Exhibit B - Schematic Diagram of Current Completion, Humble New Mexico State V-8.
Exhibit C - Schematic Diagram of Proposed Dual Completion, Humble New Mexico State V-8.
Exhibit D - Radioactive Log of Humble New Mexico State V-8.