

Combest

Western Natural Gas Company

NATIONAL STANDARD BUILDING

Houston 2, Texas

February 23, 1953

ADDRESS CORRESPONDENCE TO
MIDLAND TOWER BUILDING
MIDLAND, TEXAS

RE: Application to Dually Complete
Western Natural Gas Company
Combest #1-X, in the Cooper-Jal
Field, Lea County, New Mexico

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

Gentlemen:

By means of this application, Western Natural Gas Company wishes to state the following:

- (a) Western Natural Gas Company Combest #1-X, located in the SE/4 of NE/4 of Section 35, T-23S, R-36E, Lea County, was completed January 5, 1942, at a total depth of 3579 feet. The well had 7" casing set at 3488 feet. Ground elevation was 3344 feet.
- (b) Appended Exhibit A shows the location of the subject well, other wells on the same lease and all offset wells to the Western Natural Gas Company Combest #1-X.
- (c) The subject well was completed as an oil well producing in the open hole section from 3488' to 3579' from the 7 Rivers - Queens formation. A schematic diagram of the current well completion is shown in Exhibit B.

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- (d) The applicant proposes to dually complete the well to produce oil from the 7 Rivers - Queens formation through the tubing and gas from the Yates formation through the tubing - casing annulus in the following manner:
- (1) Perforate the $5\frac{1}{2}$ inch casing from approximately 2945 feet to 3230 feet opposite the Yates formation.
 - (2) Set a production packer below the casing perforations at an approximate depth of 3478 feet to separate the two pay zones.

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

- (e) A Gamma Ray - Neutron Log will be run on subject well before perforating the Yates Zone. A copy of this log will be mailed to your office.
- (f) Granting of this application for permission to produce the well as a dual completion with oil from the 7 Rivers - Queens formation and gas from the Yates formation is in the interest of conservation and protection correlative rights.
- (g) 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.
- (h) The manner and method of the proposed dual completion is mechanically feasible and practical.

Therefore, Western Natural Gas 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,

WESTERN NATURAL GAS COMPANY

Earl R. Bruno

Earl R. Bruno
Division Engineer

- Encl: Exhibit A: Plat showing location of subject well, other wells on same lease and all offset wells.
- Exhibit B: Schematic diagram of subject well completion.
- Exhibit C: Manner and method of dual completion proposed in subject well.