

February 15, 1953

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

Case 506

Re: Application to Dually Complete
Amerada State LMT 5, Langlie-Mattix Field
Lea County, New Mexico

Gentlemen:

By this letter of application the Amerada Petroleum Corporation wishes to state the following:

(a) That Amerada Petroleum Corporation State LMT No. 5 located in NE/4 of NE/4, Section 36, Twp. 23-S, Rge. 36-E, Lea County, was completed March 30, 1949 at a total depth of 3600 feet. The attached Exhibit A shows the location of this and other wells on the Amerada State LMT Lease together with the locations of all offset wells.

(b) That the subject well has 5 1/2 inch casing set at 3485 and cemented with 500 sacks of cement. The well is an oil well producing from the interval from 3485 to 3600 feet in the Queen formation.

(c) That the applicant proposes to dually complete the well to produce oil from the Queen and gas from the Tansill-Yates-Seven Rivers formation in the following manner:

- (1) Perforate the 5 1/2 inch casing within the approximate interval of 2835 to 3420 feet opposite the Tansill-Yates-Seven Rivers formation.
- (2) Set a production type packer below these perforations at approximately 3430 feet to separate the two pay zones.
- (3) Produce the Queen oil through the tubing and the Tansill-Yates-Seven Rivers gas through the tubing - casing annulus.

(d) That the granting of this application for permission to produce the well as a dual completion with gas from the Tansill-Yates-Seven Rivers formation and oil from the Queen formation is in the interest of conservation and the protection of correlative rights.

(e) That 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.

(f) That the manner and method of the proposed dual completion is mechanically feasible and practical.

Therefore, Amerada Petroleum Corporation requests that the 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,

AMERADA PETROLEUM CORPORATION

By: J. C. Blackwood
J. C. Blackwood.