

Case 515

March

February 18, 1953

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

Re: Application to Dually Complete
Amerada State DA 4, Drinkard 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 DA No. 4 located in NE/4 of SE/4 of Section 16, T-21-S, R-37-E, Lea County, was completed August 12, 1947 at a total depth of 6644 feet. The attached Exhibit A shows the location of this and other wells on the Amerada State DA Lease together with the locations of all offset wells.

(b) That the subject well has 5 1/2 inch casing set at 6644 feet and cemented with 500 sacks of cement. The well is an oil well producing from the perforated interval from 6528 to 6582 feet in the Drinkard zone of the Yeso formation.

(c) That the applicant proposes to dually complete the well in the following manner:

- (1) Perforate the 5 1/2 inch casing within the approximate interval of 5640 to 5720 feet opposite the Blinbry zone.
- (2) Set a production type packer below these perforations at approximately 6033 (5730) feet to separate the two pay zones, and test the productivity of the Blinbry gas zone. *(5648 - 5718) 197 MCF*
- (3) If gas production from the Blinbry is in commercial quantities, applicant proposes to produce the Drinkard oil through the tubing and the Blinbry gas through the tubing - casing annulus.
- (4) If gas production from the Blinbry is non-commercial, applicant proposes to shut off the perforations in the Blinbry zone by squeeze cementing, perforate the 5 1/2 inch casing within the approximate interval of 6050 to 6280 feet opposite the Tubbs zone, set a production type packer at approximately 6290 and produce the Drinkard oil through the tubing and the Tubbs 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 Blinbry or Tubbs zone and oil from the Drinkard zone 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 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