

FCC
Holt

DC - 261
B-1/B-1/B-1/B-1

Drawer D
Monument, New Mexico
December 17, 1955

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Application to Dually Complete
Amerada State P"u"u No. 1
Arrowhead Pool, Lea County,
New Mexico

Gentlemen:

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

- (A) That Amerada Petroleum Corporation State P"u"u No. 1 is located 1980 ft. FSL and 1980 ft. FWL of Section 18, Township 22 South, Range 37 East, Lea County, New Mexico. The well is located on an 80 acre lease being the E/2 of the SW/4 of Section 18, Township 22 South, Range 37 East. The well was completed April 13, 1940, at a total depth of 3724 ft. The attached Exhibit A shows the location of this well together with the location of all offset wells.
- (B) That the subject well has 5-1/2" casing set at 3640 ft. and cemented with 150 sacks cement. The well is an oil well producing from the open hole interval from 3640 ft. to 3724 ft. in the Grayburg formation, Arrowhead Pool.
- (C) That the applicant proposes to dually complete the well in the following manner:
 - (1) Perforate the 5-1/2" casing in the approximate interval of 3330 ft. to 3350 ft. and 3440 ft. to 3510 ft. in the Queen Formation, Arrow Gas Pool.
 - (2) Set production type packer below these perforations at approximately 3600 ft. to separate the two zones.
 - (3) Produce the Grayburg oil through the tubing and the Queen gas through the tubing-casing annulus. The attached Exhibit B is a diagrammatic sketch of the proposed dual completion.
- (D) That the granting of this application for permission to produce the well as a dual completion with gas from the Queen and oil from the Grayburg is in the interest of conservation and the protection of correlative rights.

- (E) That the applicant will comply with all the 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.
- (G) That by copy of this letter of application by registered mail all offset operators are notified of the proposed dual completion.

Therefore, Amerada Petroleum Corporation requests that the Oil Conservation Commission grant permission to the applicant to dually complete the subject well as proposed in this application.

Respectfully submitted,

AMERADA PETROLEUM CORPORATION

By *D. C. Capps*
D. C. Capps
District Superintendent

DCC/WGA/vh

STATE OF NEW MEXICO |
COUNTY OF Lea |

Before me, the undersigned authority, on this day personally appeared D. C. Capps, known to me to be the person whose name is subscribed to this instrument, who after being by me duly sworn on oath, states that he has knowledge of all the facts stated above and that the same is a true and correct statement of the facts therein recited.

Subscribed and sworn to before me on this the 17th day
of December, 1955.

[Signature]
Notary Public in and for
Lea County, New Mexico

cc: Humble Oil & Refining Co.
Box 1546
Hobbs, New Mexico

Gulf Oil Corporation
Box 1667
Hobbs, New Mexico

Sinclair Oil & Gas Co.
Box 1427
Hobbs, New Mexico

The Ohio Oil Co.
Box 1607
Hobbs, New Mexico

Rowan Oil Company
Box 1873
Midland, Texas

The Texas Company
Box A
Monument, New Mexico