



PETROLEUM AND ITS PRODUCTS

ROSWELL DISTRICT

W. A. SHELLSHEAR
District Manager

F. O. MORTLOCK
District Exploration Manager

M. I. TAYLOR
District Production Manager

G. A. PRICE
District Services Manager

GULF OIL CORPORATION

P. O. DRAWER 669 • ROSWELL, NEW MEXICO

June 22, 1960

*File
203-5*

Re: Application for Approval to
Recomplete W. T. McCormack
Well No. 12 as an Oil-Oil Dual,
Wantz-Abo and Drinkard Oil
Pools, Section 32, T-21-S,
R-37-E, Lea County, New Mexico

Oil Conservation Commission
State of New Mexico
Post Office Box 871
Santa Fe, New Mexico

Gentlemen:

Gulf Oil Corporation respectfully submits application for permission to oil-oil dually complete subject well utilizing two strings of tubing, and requests that the Commission set this matter for Examiner Hearing at an early date. A hearing is being requested for this oil-oil dual completion as the two zones involved have not previously been approved by the Commission.

The following facts are offered in support of this application:

- (1) Gulf Oil Corporation is the owner and operator of the 320-acre W. T. McCormack Lease, which consists of the E/2 of Section 32 in T-21-S, R-37-E, Lea County, New Mexico. Subject well is located 1874 feet from the east line and 554 feet from the north line of said Section 32.
- (2) The 13-3/8" casing in Gulf's W. T. McCormack Well No. 12 was set at 311 feet and the cement circulated. The 9-5/8" casing was set at 2850 feet and cemented with 1300 sacks and the 7" casing was set at a depth of 7410 feet and cemented with 800 sacks. Applicant proposes to perforate the 7" casing opposite the Abo formation in the interval 7100 to 7250 feet. The Drinkard oil perforations are in the interval 6515 to 6620 feet.
- (3) If approved, the subject well will be dually completed through the use of parallel strings of tubing as shown in the diagrammatic sketch attached hereto. The two producing intervals will be separated by means of a Baker Model "DA" Packer set at approximately 6700 feet, which is capable of withstanding any differ-

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ential in pressures expected to be encountered between the two producing formations.

The manner and method of the proposed dual completion is mechanically feasible and practical and the granting of this application is in the interest of conservation and the protection of correlative rights. Applicant will comply with all rules and regulations of the New Mexico Oil Conservation Commission to maintain separation of production from the two pays.

By copy of this letter of application, all offset operators are notified of the proposed dual completion.

Respectfully submitted,

GULF OIL CORPORATION



W. A. Shellshear

FWM:ers

cc: Oil Conservation Commission
State of New Mexico
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Socony-Mobil Oil Company
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Amerada Petroleum Corporation
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