## ROSWELL DISTRICT

## **GULF OIL CORPORATION**

W. A. SHELLSHEAR District Manager

F. G. MORTLOCK

District Exploration Manager

M. I. TAYLOR
District Production Manager

G. A. PRICE District Services Manager P. O. DRAWER 669 • ROSWELL, NEW MEXICO

June 22, 1960

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

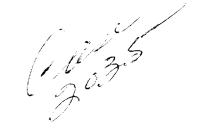
Oil Conservation Commission State of New Mexico Post Office Box 871 Santa Fe, New Mexico

## 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-



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,

Mathelinear

GULF OIL CORPORATION

W. A. Shellshear

## FWM:ers

cc: Oil Conservation Commission State of New Mexico Post Office Box 2045 Hobbs, New Mexico

> Socony-Mobil Oil Company Post Office Box 2406 Hobbs, New Mexico

Amerada Petroleum Corporation Post Office Box 706 Eunice, New Mexico

Radford-Zachary Oil Company Post Office Box 1685 Hobbs, New Mexico

Southern Petroleum Exploration, Inc. Post Office Box 1017 Roswell, New Mexico

Skelly Oil Company Post Office Box 38 Hobbs, New Mexico

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