



PETROLEUM AND ITS PRODUCTS


## GULF OIL CORPORATION

P. O. DRAWER 1290 · FORT WORTH 1, TEXAS

H. P. REARDON  
DIVISION  
PETROLEUM ENGINEER

January 21, 1960

FORT WORTH  
PRODUCTION DIVISION

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

Re: Application for Approval to Recomplete J. N. Carson  
(NCT-A) Well No. 11 as an Oil-Oil Dual, Wantz-Abo and  
Paddock Oil Pools, Section 28, T-21-S, R-37-E, Lea  
County, 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 160-acre J. N. Carson (NCT-A) Lease, which consists of the NE/4 of SW/4, W/2 of SE/4 of Section 28 and the NW/4 of NE/4 of Section 33, all in T-21-S, R-37-E, Lea County, New Mexico. Subject well is located 2086 feet from the west line and 2086 feet from the south line of said Section 28.
- (2) The 13-3/8" casing in Gulf's J. N. Carson (NCT-A) Well No. 11 was set at 299 feet and the cement circulated. The 9-5/8" casing was set at 2800 feet with 1300 sacks. The 7" casing was set and cemented with 700 sacks at a depth of 7694 feet. Applicant proposes to plug back to a depth of 7300 feet and selectively perforate the 7" casing opposite the Abo formation in the interval 7147 to 7226 feet, and in the Paddock zone from 5108 to 5128 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 at-

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Case 1907  
2ND  
Ex. hearing in Feb.

January 21, 1960

tached hereto. The two producing intervals will be separated by means of a Baker Model "DA" Packer set at approximately 5307 feet, which is capable of withstanding any differential 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

By H.P. Beardon  
Division Petroleum Engineer

JDW:lw

cc: Oil Conservation Commission  
State of New Mexico  
P. O. Box 2045  
Hobbs, New Mexico

Magnolia Petroleum Company  
P. O. Box 2406  
Hobbs, New Mexico