

Case 1411



PETROLEUM AND ITS PRODUCTS

GULF OIL CORPORATION

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

E. HOSFORD
DIVISION PRODUCTION COORDINATORFORT WORTH
PRODUCTION DIVISION

March 12, 1958

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

Re: Application for Approval to Complete Gulf's J. F. Janda
"F" Well No. 3 as an Oil-Oil Dual from the South Eunice
and Jalmat Pools

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 hearing at an early date.

The following facts are offered in support of this application:

- (1) Gulf Oil Corporation is the owner and operator of the J. F. Janda "F" 640.12-acre lease which consists of Section 4, T-22-S, R-36-E, Lea County, New Mexico, as shown on the attached plat. Gulf's Janda "F" Well No. 3 is located 1980 feet from the north and west lines of said Section 4, and was originally projected as a gas-oil dual in the Jalmat Gas and South Eunice Oil Pools. The South Eunice oil zone, successfully completed as an oil producer, flowed 200 barrels of 37.5 gravity oil and no water with a gas-oil ratio of 600 from open hole interval 3805 to 3900 feet. However, the Jalmat gas zone, tested through 2-3/8" tubing, flowed 2842 MCF of gas at 600 psi, plus 44 barrels of oil. This test resulted in a gas-oil ratio of 55,181, and cannot, therefore, be classified as a gas well in the Jalmat Pool.
- (2) Gulf's J. F. Janda "F" Well No. 3 was drilled to a total depth of 3900 feet and 5½" casing was set at 3805 feet and cemented with 975 sacks. The 5½" casing was perforated with two ½" jet holes per foot from 3200-3230, 3245-3265, 3302-3346, 3370-3400, 3592-3602, and 3618-3650 feet.
- (3) In dually completing the well, applicant proposes to use two strings of tubing within the casing and separate the producing intervals by means of

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a Baker Production Packer at 3753 feet capable of withstanding any differential in pressures expected to be encountered between the two producing formations. If approved, applicant plans to run 2-3/8" O.D. EUE tubing to produce the South Eunice oil and 1.315" O.D. NU tubing to produce the Jalmat oil.

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 E. H. Hargrave
Division Production Coordinator

cc: Oil Conservation Commission
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