



PETROLEUM AND ITS PRODUCTS

GULF OIL CORPORATION

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

E. HOSFORD
DIVISION PRODUCTION COORDINATOR

May 1, 1958

FORT WORTH
PRODUCTION DIVISION

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

Case # 1455
No 5 well
In Justice Ellenburger
Pool - Blinbry Wildcat.

Re: Application for Authorization to Dually Complete Wells Nos. 4, 5 and 6 on Gulf's Learcy McBuffington Lease, Justis Area, Section 13, T-25-S, R-37-E, Lea County, New Mexico

Gentlemen:

Gulf Oil Corporation respectfully submits application for permission to oil-oil dually complete the above-referenced wells on the Learcy McBuffington Lease 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 all producing rights below 3800 feet in the Learcy McBuffington Lease, which consists of the S/2 of Section 13, T-25-S, R-37-E, Lea County, New Mexico.
- (2) Applicant plans to oil-oil dually complete Well No. 4 on subject lease in such a manner that the Ellenburger and Blinebry Reservoirs may be produced through parallel strings of tubing, as shown on Diagrammatic Sketch No. 4 attached hereto. This well, located 660 feet from the south line and 1980 feet from the west line of said Section 13, was drilled to 8264 feet. The 7-inch casing was set and cemented at 8230 feet with top of cement outside the pipe indicated at 3610 feet. Applicant proposes to perforate the Ellenburger Zone from 8220 to 8230 feet and the Blinebry Zone from the approximate interval 5134 to 5547 feet.
- (3) Applicant proposes to oil-oil dually complete L. McBuffington No. 5 in such a manner that the Ellenburger and Blinebry Reservoirs may be produced through parallel strings of tubing, as shown on the Diagrammatic Sketch No. 5 attached hereto. This well, located 1650 feet from the south line and 1980 feet from the east line of said Section 13, was drilled to a total depth of 8300 feet. The 7-inch casing was set and cemented with 1000 sacks at 8260 feet, with top of cement outside the 7-inch indicated at 2575 feet. Gulf plans

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to perforate the 7-inch casing opposite the Blinebry Zone from the approximate interval 5130 to 5650 feet. The Ellenburger horizon will produce from open hole interval 8260 to 8300 feet.

- (4) Applicant proposes to oil-oil dually complete Well No. 6 on subject lease in such manner that the Blinebry and McKee Reservoirs may be produced through parallel strings of tubing as shown on Diagrammatic Sketch No. 6 attached hereto. This well is located 330 feet from the south line and 1980 feet from the east line of said Section 13, and was drilled to a total depth of 7600 feet and plugged back to 7525 feet. The 7-inch casing was set and cemented with 900 sacks at 7600 feet with top of cement outside the 7-inch indicated at 3220 feet. The Blinebry interval was perforated with FI Gun at intervals from 5158 to 5598 feet. The 7-inch casing was perforated in the McKee Zone with four 1/2-inch jet holes per foot at intervals from 7356 to 7484 feet.

The two producing intervals in each of these three wells will be separated by means of Baker Production Packers capable of withstanding any differential in pressures expected to be encountered between the producing formations. If approved, Gulf will run 2-3/8" O.D. EUE tubing from each producing horizon.

The manner and method of the proposed dual completions are 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 in each well.

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

Respectfully submitted,

GULF OIL CORPORATION

By E. Hosford
Division Production Coordinator

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

May 1, 1958

cc: Anderson-Prichard Oil Corporation
P. O. Box 196
Midland, Texas

Atlantic Refining Company
P. O. Box 871
Midland, Texas

W. K. Byrom
1000 Dal Paso
Hobbs, New Mexico

R. Olsen Oil Company
Drawer Z
Jal, New Mexico

The Texas Company
P. O. Box 1270
Midland, Texas

Tidewater Oil Company
Att'n: J. B. Holloway
P. O. Box 1404
Houston, Texas

Western Natural Gas Company
Midland Tower Building
Midland, Texas

Western Petroleum Company
291 Sutter Street
San Francisco, California

Texas-New Mexico Pipe Line Company
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SCALE 1" = 3000'