

Gulf Oil Corporation

ROSWELL PRODUCTION DISTRICT

W. B. Hopkins

~~W. A. Sheths~~
DISTRICT MANAGER

F. O. Mortlock
DISTRICT EXPLORATION
MANAGER

M. I. Taylor
DISTRICT PRODUCTION
MANAGER

H. C. Vivian
DISTRICT SERVICES MANAGER

P. O. Drawer 1938
Roswell, New Mexico

SEP 21 1962

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

Re: Application of Gulf Oil Corporation
for an Exception to the Fowler-
Ellenburger Pool Rules and Approval
of a Dual Completion for its Lillie
Well No. 3, Lea County, New Mexico

Gentlemen:

Gulf Oil Corporation respectfully requests an exception to the Fowler-Ellenburger Pool Rules and approval of a dual completion for its Lillie Well No. 3 in the Fowler-Fusselman and Fowler-Ellenburger Pools, Lea County, New Mexico. In Case No. 2556, the Commission issued Order No. R-2274 on July 10, 1962, which, although it denied an 80-acre allocation to the subject well, expressly retained jurisdiction over the matter for the entry of such further orders as may be deemed necessary. Applicant now seeks the approval of a 40-acre allocation to its Lillie Well No. 3. It is requested that this matter be set for Examiner Hearing at an early date.

In support of this application the following facts are submitted:

- (1) Applicant's Lillie Well No. 3, located 2310 feet from the north line and 330 feet from the west line of Section 23, Township 24 South, Range 37 East, Lea County, New Mexico, is now completed in the Fowler-Fusselman Pool.
- (2) Applicant proposes to deepen the above well to the Ellenburger formation and dually complete said well in the Fusselman and Ellenburger formations.
- (3) Applicant proposes to produce this well in the Fowler-Ellenburger Pool under an exception to the portion of the existing pool rules, which provide that the well be located within 150 feet of the center of either the NW/4 or SE/4 of a governmental quarter-section.
- (4) Applicant proposes to dedicate 40 acres consisting of the SW/4 NW/4 of Section 23 to said Ellenburger well with the allowable established in accordance with 80-acre proportional factors as provided in Rule 505(b) of the Rules and Regulations of the Commission.



September 21, 1962

- (5) All offset operators to Gulf's Lillie Lease have been furnished a copy of this application.

Respectfully submitted,

GULF OIL CORPORATION

W. B. Hopkins

W. B. Hopkins

JHH:dch

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

Pan American Petroleum Corporation
Post Office Box 1410
Fort Worth, Texas

Delhi-Taylor Oil Corporation
823 Corrigan Tower
Dallas, Texas

13-3/8" OD Csg. Set @ 327'
Cemented w/500 Sx.
Cement Circulated

9-5/8" Csg. Set @ 3896'
Cemented w/2474 Sx.
TSITC @ 35'

2-1/2" Buttress Thread
Tubing

2" Buttress Thread
Tubing

7" Csg. Set @
7299' Cemented w/1125 Sx.
TSITC @ 100'

Parallel String Anchor
@ Approx. 7220'

Liner Hanger @
Approx. 7250'

Fusselman producing from
open hole interval 7299'-
7490'. Original TD 7550'
Original PBD 7490'

Proposed Fusselman
Perfs. @ Approx.
7320'-7360'

4-1/2" OD 13.50#
N-80 Liner

Cement to top of liner

Baker Model "D" Packer
Set @ Approx. 9575'

Ellenburger Perforations
@ Approx. 9625'-9800'

Approximate new TD 10,100'

PROPOSED MECHANICAL INSTALLATION
DUAL COMPLETION
LILLIE WELL NO. 3

FWLER FUSSELMAN - FWLER ELLENBURGER OIL POOLS
LEA COUNTY, NEW MEXICO
GULF OIL CORPORATION