



PETROLEUM AND ITS PRODUCTS

# GULF OIL CORPORATION

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

E. HOSFORD  
DIVISION PRODUCTION COORDINATOR

FORT WORTH  
PRODUCTION DIVISION

March 12, 1958

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

Re: Application for Permit to Oil-Oil Dually Complete Gulf's  
Lea State "CL" (NCT-A) Well No. 1, Anderson Ranch (Devon-  
ian) and (Wolfcamp) Pools, Section 2, T-16-S, R-32-E,  
Lea County, New Mexico

Gentlemen:

Gulf Oil Corporation respectfully requests a hearing to consider our application for permission to dually complete Lea State "CL" (NCT-A) Well No. 1 in such a manner that the Devonian and Wolfcamp Reservoirs may be produced through parallel strings of tubing and in support thereof states the following:

- (1) Gulf Oil Corporation is the owner and operator of the Lea State "CL" (NCT-A) 80-acre lease which consists of Lots 7 and 8 of Section 2, T-16-S, R-32-E, Lea County, New Mexico, as shown on the attached plat. Subject well is located 2651 feet from the north line and 1650 feet from the east line of said Section 2.
- (2) This well has 13-3/8" casing set at 618 feet around which the cement was circulated. The 9-5/8" casing is set at 4199 feet and cement circulated with 2550 sacks. Well was drilled to a total depth of 13,395 feet with 7" casing set and cemented at 13,368 feet with 1210 sacks. Lea State "CL" (NCT-A) Well No. 1 was potentialized in the Devonian zone on January 18, 1958, and on potential test flowed 357 barrels of 52.2 API gravity oil and no water in 24 hours through a 45/64" choke from open hole interval 13,368 to 13,395 feet. On 3-hour drill stem test from the interval 9708-9833 feet in the Wolfcamp, this well flowed 96 barrels of oil. Fifteen (15) minute bottom hole pressure was 3545 pounds.
- (3) Applicant proposes to perforate the 7" casing opposite the Wolfcamp Formation in an interval from 9698-9775, 9798-9808 and 9828-9842 feet and dually com-

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plete through the use of parallel strings of tubing in the manner set out in the diagrammatic sketch attached hereto. The two producing intervals will be separated by means of a Baker Production Packer 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 from each producing zone.

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

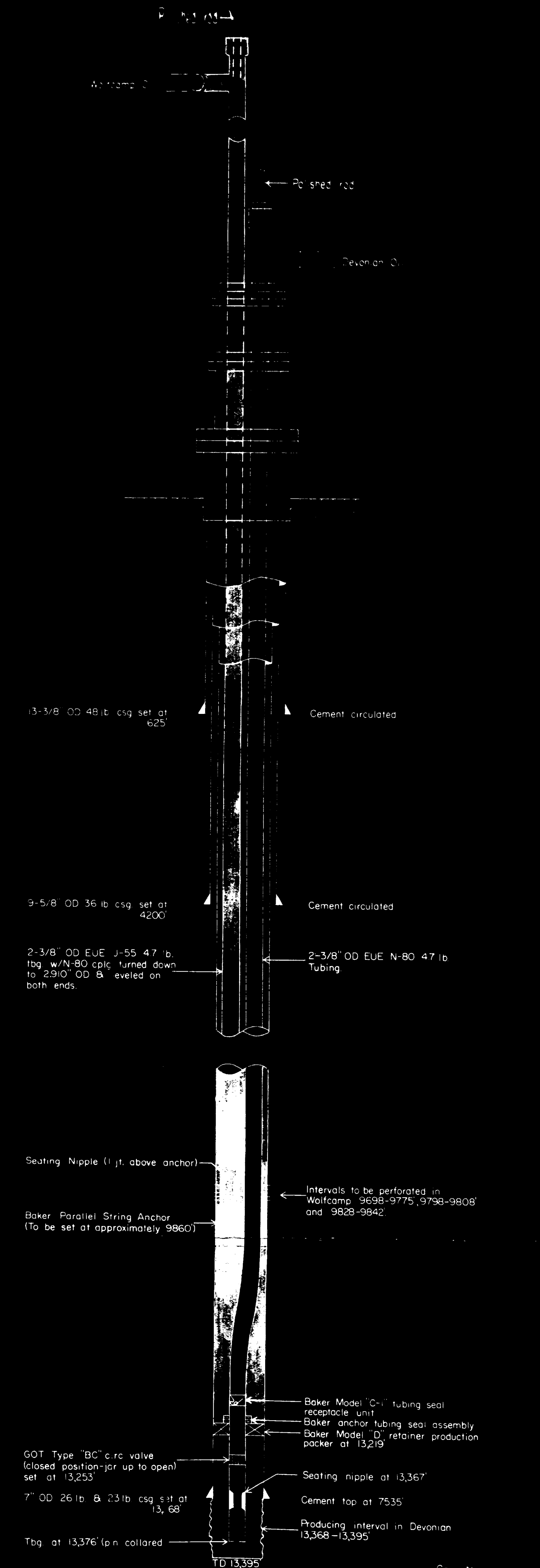
By E. H. Hester  
Division Production Coordinator

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

Magnolia Petroleum Company  
P. O. Box 727  
Kermit, Texas

Sunray Mid-Continent Oil Company  
Wilco Building  
Midland, Texas

SCALE 1" = 3000'



**PROPOSED MECHANICAL INSTALLATION**  
 OIL-OIL DUAL COMPLETION  
 LEA-STATE "OL" (NCT-A) NO. 1  
 ANDERSON RANCH-WOLFCAMP & DEVONIAN POOLS  
 Lea County, New Mexico  
 Gulf Oil Corporation      Ft. Worth Prod. Div.  
 Pet. Engineering