



PETROLEUM AND ITS PRODUCTS

ROSWELL DISTRICT

W. A. SHELLSHEAR
District Manager

F. D. MORTLOCK
District Exploration Manager

M. I. TAYLOR
District Production Manager

G. A. PRICE
District Services Manager

GULF OIL CORPORATION

P. O. DRAWER 669 • ROSWELL, NEW MEXICO

FORT WORTH
PRODUCTION DIVISION

April 27, 1960

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

Re: Application for Approval to Recomplete
the Lea-State "AQ" Well No. 8 as a
Gas-Oil Dual, East Pearl - Seven Rivers
Gas and Pearl Queen Oil Pools, Section
32-19S-35E, Lea County, New Mexico

Gentlemen:

Gulf Oil Corporation respectfully submits application for permission to gas-oil dually complete subject well and requests that the Commission set this matter for Examiner Hearing at an early date. A hearing is being requested for this gas-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 320 acre Lea-State "AQ" Lease which consists of the N/2 of Section 32-19S-35E, Lea County, New Mexico. Subject well is located 1980 feet from the north line and 660 feet from the west line of said Section 32.
- (2) The 8-5/8" OD casing in Gulf's Lea-State "AQ" Well No. 8 was set at 140 feet and the cement circulated. The 4-1/2" OD casing was set at 4,970 feet with 200 sacks of cement. Applicant proposes to perforate the East Pearl - Seven Rivers Gas in the interval 4,048 feet to 4,080 feet. The Pearl Queen oil perforations are in the interval 4,795 feet to 4,952 feet.
- (3) If approved, the subject well will be dually completed as shown on the diagrammatic sketch attached hereto. The two producing zones will be separated by means of a Baker Model A Tension Type Production Packer set at approximately 4,150 feet which is capable of withstanding any differential in pressures expected to be encountered between the two producing formations.

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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,

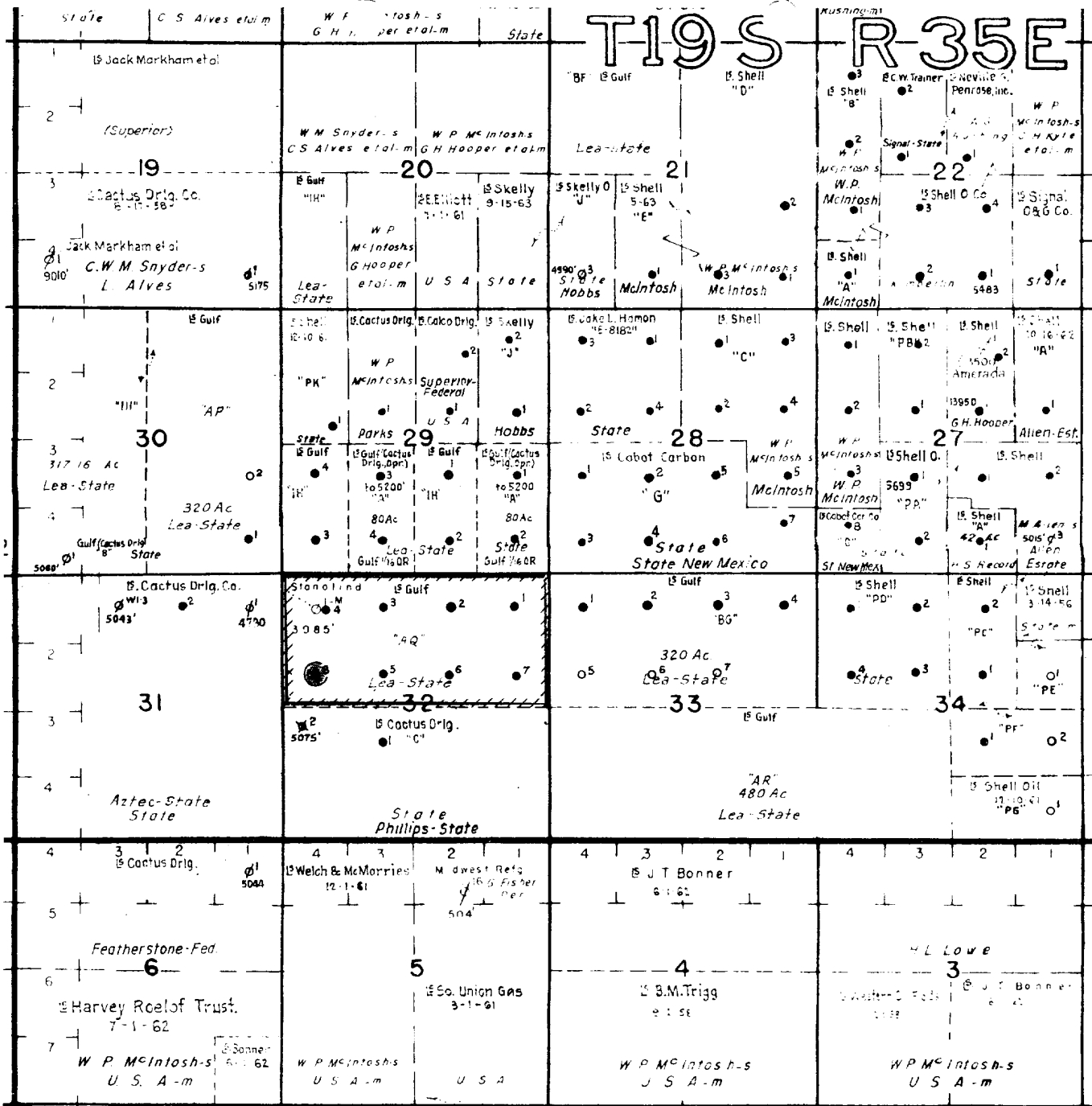
GULF OIL CORPORATION

BY: *W. A. Shellphear*
District Manager

JHH:dec

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

Cactus Drilling Corporation
Post Office Box 348
San Angelo, Texas



**LEASE PLAT
LEA-STATE "AQ"**

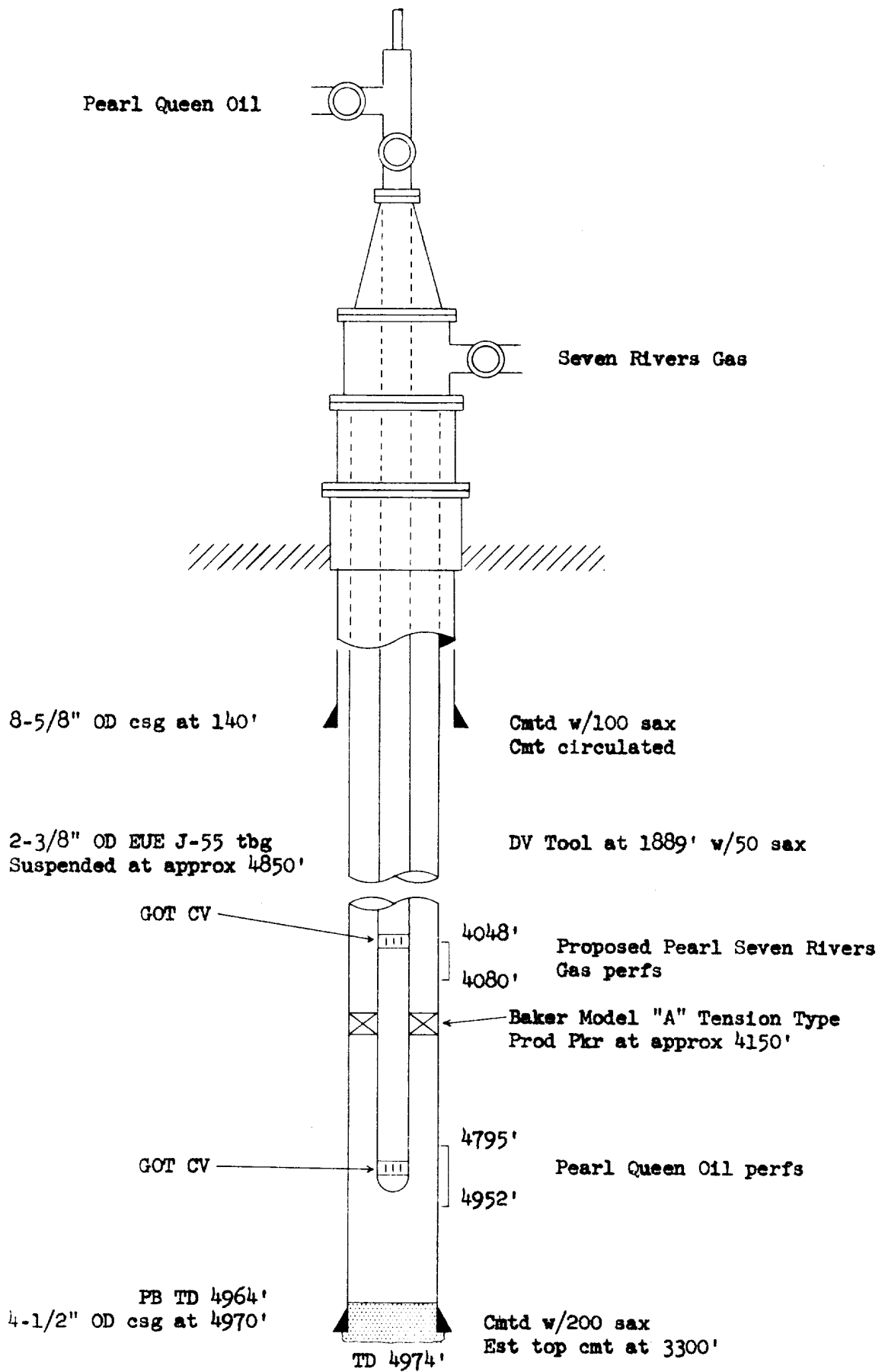
Lea County, New Mexico

-Legend-

Pertinent Gulf Lease

Pertinent Gulf Well

Gulf Oil Corp. Ft. Worth Prod. Div.
Pet. Eng.



NOTE
Drawing not to scale

PROPOSED MECHANICAL INSTALLATION
OIL-GAS DUAL COMPLETION
LEA STATE "AQ" NO. 8

EAST PEARL-SEVEN RIVERS GAS AND
PEARL QUEEN OIL POOLS
LEA COUNTY, NEW MEXICO

Gulf Oil Corp. Ft. Worth Prod.Div.
Pet. Eng.