



PETROLEUM AND ITS PRODUCTS

Case 2111

ROSWELL DISTRICT

W. A. SHELLSHEAR  
District Manager

F. O. 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

September 28, 1960

1960 OCT 5 AM 8:11

MAIL OFFICE CCC

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

Re: Application for a Permit to Inaugurate a Pilot  
Water Flood Project on Gulf's William A. Ramsay  
"A" Lease in the Eumont and South Eunice Oil  
Pools, Lea County, New Mexico

Gentlemen:

Gulf Oil Corporation herewith makes application for a permit to inaugurate a pilot water flood project on applicant's William A. Ramsay "A" Lease in the Eumont and South Eunice Oil Pools, Lea County, New Mexico. Applicant seeks an order authorizing the injection of water into the Queen and Penrose Formations by the use of six injection wells all located on the William A. Ramsay "A" Lease.

In support of this application, Gulf Oil Corporation states the following:

1. Applicant is the owner and operator of the William A. Ramsay "A" Lease which consists of Sections 27, 34 and 35, all in T-21S, R-36E, Lea County, New Mexico. ✓ ✓
2. There is no diversity of royalty ownership underlying the above described lease.
3. Applicant proposes to use six wells for injection purposes being Well No. 35 located in Section 27 and Wells No. 14, 24, 27, 32 and 48, all in Section 34. ✓ ✓ ✓ ✓
4. In addition to the above injection wells, the project area will include the following offset or diagonally offset producing wells: Wells No. 2, 17, 29, 31, 45 and 47 in Section 27, Wells No. 21, 23, 25, 26, 28, 30 and 33 in Section 34, Wells No. 19, 20 and 22 in Section 35, all on the William A. Ramsay "A" Lease; and Wells No. 2 and 14 in Section 33, T-21S, R-36E, on applicant's Arnott Ramsay "D" Lease; and Well No. 1 in SE/4 of Section 28, T-21S, R-36E, on applicant's S. E. Felton Lease. All of the above wells are in the area of the Eumont Oil Pool. Applicant proposes also to use as producers in the project area Wells No. 34, 36 and 38 in Section 34 on the William A. Ramsay "A" Lease, all producing from the South Eunice Oil Pool.

Worke  
Miles

5. Applicant proposes to inject approximately 500 barrels of produced water per day per well into the oil producing intervals of the Queen and Penrose formations which are encountered at a depth of approximately 3750-3850 feet.
6. Applicant will request that the above described project area be authorized for expansion by administrative approval in accordance with the procedure outlined in Paragraph 5 of NMOCC Rule 701 (E).
7. The granting of this application is in the interest of conservation and will protect correlative rights.
8. By copy of this letter all offset operators are notified of this application.

Gulf Oil Corporation respectfully requests that this matter be set for hearing at an early date.

Respectfully submitted,

GULF OIL CORPORATION

By   
W. A. Shellshear

FWM:bc

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

Cities Service Oil Company  
Post Office Box 97  
Hobbs, New Mexico

Continental Oil Company  
825 Petroleum Building  
Roswell, New Mexico

El Paso Natural Gas Company  
Post Office Box 1384  
Jal, New Mexico

Humble Oil & Refining Company  
Post Office Box 2347  
Hobbs, New Mexico

Ohio Oil Company  
Post Office Box 552  
Midland, Texas

Shell Oil Company  
Post Office Box 1957  
Hobbs, New Mexico

Sinclair Oil & Gas Company  
520 East Broadway  
Hobbs, New Mexico