



TOM F. HILL  
Manager, Southwest Division  
F. G. PRUTZMAN  
Superintendent Operating Department

PRODUCTION DEPARTMENT **SUN OIL COMPANY** SOUTHLAND CENTER, P.O. BOX 2880, DALLAS, TEXAS 75221

October 16, 1968

*Case 3944*

State of New Mexico  
Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: James McFarland No. 4 well,  
Chaveroo (San Andres) Field,  
Roosevelt County, New Mexico,  
Injection Pressure Maintenance

Gentlemen:

Sun Oil Company operates 8 wells on the James McFarland and James McFarland "A" leases consisting of the S/2 of Sec. 20, T7S, R33E in the Chaveroo (San Andres) Field, Roosevelt County, New Mexico. We propose to dispose of salt water produced on these leases through the James McFarland No. 4 located in the NW/4 of the SW/4 of Sec. 20, T7S, R33E. It is our desire to inject this salt water into the San Andres reservoir of the Chaveroo Field as a partial pressure maintenance project.

Enclosed are a plat of the area, a log of McFarland No. 4 and a diagrammatic sketch of the well equipment. Injection will be into the San Andres through perforations at various intervals from 4151 to 4284½ feet at a rate of approximately 125 BWPD initially. The source of the salt water to be injected is produced water from the McFarland and McFarland "A" leases operated by Sun Oil Company.

It is requested that a hearing be set on our application for this injection as a pressure maintenance project at which hearing we will ask that the project area and the allowable formula be fixed.

Yours very truly,

SUN OIL COMPANY

*A. R. Ballou*

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ARB:ml  
Enclosures

DOCKET MAILED  
Date 11-1-68