



TOM F. HILL
Manager, Southwest Division

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

September 27, 1968

Cad
3895

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

Re: Cato Field, Chaves County:
Application for Water
Injection Pressure Maintenance

Gentlemen:

Sun Oil Company operates 16 oil wells on the New Mexico State "H" Lease consisting of Sec. 16, T8S, R30E, in the Cato Field of Chaves County. We propose to dispose of salt water produced on this lease and another lease in the area through New Mexico State "H" Well #13 located in the SE/4 of the SE/4 of said Sec. 16. It is our desire to inject this salt water into the San Andres reservoir of the Cato Field as a partial pressure maintenance project.

Enclosed are a plat, a log of Well "H" #13 and a diagrammatic sketch of the well equipment. Injection would be into the San Andres through perforations from 3421 to 3429 feet at a rate of approximately 200 BWPD. The source of the salt water to be injected is from water produced on the above New Mexico State Lease "H" and the Sun Oil Company Woodman Federal Lease in the same township.

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. Your consideration in setting this matter for the first Examiner hearing after the October Statewide Hearing would be appreciated.

Yours very truly,

SUN OIL COMPANY
A. R. Ballou

By: *Granville Dutton*
Granville Dutton

GD:jv

Encs.

cc: Mr. George Ford
Pan American Petroleum Corp.
Box 1410
Ft. Worth, Texas

DOCKET MAILED

Date 10-11-68