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BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

APPLICATION OF CURTIS J. LITTLE  
FOR AN ORDER AUTHORIZING THE  
INJECTION OF WATER FOR PRESSURE  
MAINTENANCE PURPOSES INTO THE  
GALLUP (TOCITO) SANDSTONE FORMA-  
TION UNDERLYING APPLICANT'S  
NAVAJO INDIAN LEASE, SECTIONS  
21, 22, 27 and 28, TOWNSHIP 32  
NORTH, RANGE 17 WEST, NMPM, SAN  
JUAN COUNTY, NEW MEXICO, WITHIN  
THE MANY ROCKS GALLUP OIL POOL  
AND FOR PROMULGATION OF SPECIAL  
RULES GOVERNING THE OPERATION OF  
SAID PROJECT.

CASE NO. 3036

APPLICATION

CURTIS J. LITTLE, whose address is 2929 Monte  
Vista Boulevard N. E., Albuquerque, New Mexico, holds  
the operating rights under that certain Navajo Tribal  
Oil and Gas Lease Contract No. 14-20-603-5012 as it per-  
tains to all of Sections 21, 22, 27 and 28, Township 32  
North, Range 17 West, NMPM, San Juan County, New Mexico  
and hereby makes application to the Oil Conservation  
Commission of the State of New Mexico for an Order author-  
izing the injection of water for pressure maintenance  
purposes into the Gallup (Tocito) Sandstone Formation  
underlying the above-described lands pursuant to Rule  
701 of the Commission and establishing special rules  
governing the operation of said project, and in support  
of this application, Applicant shows:

DOCKET MAILED

Date 4-17-64

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I.

There is attached hereto, made a part hereof  
and marked Exhibit "A" a plat showing the above-described  
leasehold area, the location of all wells drilled thereon  
and all wells drilled within a radius of two miles from

the proposed injection wells hereinafter identified. Said Exhibit "A" also shows the location of all wells which are producing from the Gallup (Tocito) Sandstone Formation and the ownership of the respective leasehold interests within a radius of two miles from the proposed injection wells.

## II.

The presently existing well proposed as an injection well is the Navajo 3X-27 well located 625 feet from the South line and 2,000 feet from the East line of said Section 27. There is attached hereto and made a part hereof the log of said well, marked Exhibit "B." A diagrammatic sketch of said proposed injection well is attached hereto and marked Exhibit "C", which Exhibit shows casing program and related information.

## III.

Applicant proposes to drill and complete two additional injection wells to be located in the SW/4 NW/4 of Section 27 and the NE/4 SE/4 of Section 28. Attached hereto and marked Exhibit "D" is a diagrammatic sketch of the proposed injection wells showing casing strings, setting intervals, quantities used and tops of cement, perforated or open-hole intervals, and type and location of packers.

## IV.

Applicant proposes to inject water into the Gallup (Tocito) Sandstone Formation at intervals in the existing Navajo 3X-27 well ranging from 1,713 feet to 1,722 feet below the surface, such water to be injected at rates ranging from 100 to 200 barrels per day.

V.

Applicant will obtain the water for such injection from an abandoned well drilled by Texas Pacific Coal and Oil Company located in the NW/4 of said Section 28, which injection water will be produced from the Entrada (Jurassic) formation at a depth of approximately 3,500 feet below the surface.

VI.

Applicant has negotiated a lease line agreement with Skelly Oil Company, the operator of oil and gas leases immediately to the South of Applicant's lease boundary in said Sections 27 and 28. Applicant and Skelly Oil Company propose to institute pressure maintenance operations on a cooperative basis with each Operator continuing to operate their own leases.

VII.

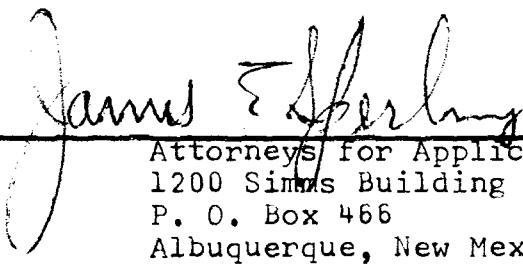
The granting of this application will be in the interests of conservation of natural resources, the prevention of waste and the protection of correlative rights and will promote the greatest ultimate recovery of oil and gas from the formation to be injected. Applicant respectfully requests that his proposed pressure maintenance project be approved, that the lands described herein subject to Applicant's lease be designated as the project area and that an allowable formula be fixed therefor, and in connection therewith, Applicant recommends the adoption of special field rules governing said project in substantially the same form and content as those adopted by the Commission pursuant to the application of Skelly Oil Company as set forth in Order No.

WHEREFORE, Applicant requests that this application be set for hearing at the next Examiner Hearing after due notice as required by law.

Respectfully submitted,

CURTIS J. LITTLE

BY MODRALL SEYMOUR SPERLING ROEHL & HARRIS

By  \_\_\_\_\_  
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