

MAIN OFFICE OCC

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BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION )  
OF SOHIO PETROLEUM COMPANY FOR )  
APPROVAL OF THE UNIT AGREEMENT )  
FOR THE DEVELOPMENT AND OPERATION )  
OF THE LITTMAN SAN ANDRES UNIT IN )  
TOWNSHIP 21 SOUTH, RANGE 38 EAST, )  
N.M.P.M., LEA COUNTY, NEW MEXICO )  
( and Andrews County, Texas) AND FOR ORI- )  
GINAL AUTHORITY FOR THE INJECTION OF )  
WATER THEREIN FOR THE SECONDARY RE- )  
COVERY THEREFROM AND THE PRESSURE )  
MAINTENANCE THEREOF. )  
)  
)  
)

*See [unclear]*

NO. 3050

APPLICATION

Sohio Petroleum Company hereby applies for approval of the Unit Agreement for the development and operation of the Littman San Andres Unit which includes 1941.38 acres of land, more or less, in Lea County, New Mexico, and Andrews County, Texas, and more fully described as follows:

Lea County, New Mexico

Township 21 South, Range 38 East

Section 8: SE  $\frac{1}{4}$   
Section 9: SW  $\frac{1}{4}$   
Section 16: NW  $\frac{1}{4}$   
Section 17: NE  $\frac{1}{4}$

Andrews County, Texas

Block A-29, PSL

Section 5: East 40 acres of South 71.25 acres of SW  $\frac{1}{4}$ , S  $\frac{1}{2}$  SE  $\frac{1}{4}$  and West 40 acres of North 71.25 acres of SE  $\frac{1}{4}$

Section 6:	$N\frac{1}{2}$ and $S\frac{1}{2}$
Section 7:	$SW\frac{1}{4}$
Section 14:	$NW\frac{1}{4}$
Section 15:	$NE\frac{1}{4}$

Designation of the Littman San Andres Unit as heretofore described has been approved by the United States Geological Survey and the form of the Unit Agreement has been approved by the Commissioner of Public Lands of the State of New Mexico. The Unit area includes 490.69 acres, more or less, of Federal land and 170.69 acres of State of New Mexico land.

The Federal and State of New Mexico lands comprise all of the unit area within the State of New Mexico. The unit area also includes 1280 acres of fee land, situate in Andrews County, Texas. The Federal land so included is described as follows:

Lea County, New Mexico

Township 21 South, Range 38 East

Section 8:	$SE\frac{1}{4}$
Section 9:	$SW\frac{1}{4}$
Section 17:	$NE\frac{1}{4}$

The State of New Mexico land so included is described as follows:

Lea County, New Mexico

Township 21 South, Range 38 East

Section 16:	$NW\frac{1}{4}$
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The Unit Agreement has been executed by 100 % of the working interest owners and by more than 75% of the royalty, overriding royalty and production payment owners. A list of all interested parties known to applicant is attached hereto.

In addition to the approval of the Unit Agreement, applicant also requests original authority for the injection of water into the unit formation for the secondary recovery therefrom and the pressure maintenance thereof, and, in support thereof, attaches hereto as Exhibits:

- Exhibit "1": Index map of the Littman San Andres Unit within Lea County, New Mexico and Andrews County, Texas.
- Exhibit "2": Log of proposed injection well No. 1 Sims.
- Exhibit "3": Diagrammatic sketches of the proposed injection wells.

The water injection will be into the San Andres formation at an average depth of 4300 feet. The water source for this program will be the Santa Rosa formation which occurs at an average depth of 1200 feet in the vicinity of the Littman Pool. The injection rate is estimated to be 800 barrels per day per injection well which, under full scale operations, would require a supply of 12000 barrels per day.

A copy of this application is likewise forwarded to the office of the State Engineer, P.O. Box 1079, Santa Fe, New Mexico, marked for the attention of Frank Irby.

Applicant respectfully submits that the creation of the Littman San Andres Unit would be in the best interest of conservation of natural resources and would prevent waste and increase the ultimate recovery of oil from the Littman San Andres field, at the same time protecting the correlative rights of all owners of interest. The agreement provides for the separate handling and accounting of production from the New Mexico portion of the unit area.

WHEREFORE, Applicant respectfully requests that this Application be set for a hearing before a duly appointed examiner of the Commission at the earliest possible date, that notice be given as required by law and the regulations and that the Littman San Andres Unit be approved and authority given for the injection of water therein for the secondary recovery therefrom and the pressure maintenance thereof.

Respectfully submitted,

SOHIO PETROLEUM COMPANY

BY 

of ATWOOD & MALONE, its attorneys  
P.O. Drawer 700  
Roswell, New Mexico

OIL CONSERVATION COMMISSION  
P. O. BOX 871  
SANTA FE, NEW MEXICO

*Case 3050*

May 5, 1964

Mr. Paul A. Cooter  
Attorney at Law  
P. O. Drawer 700  
Roswell, New Mexico

Dear Paul:

Your application for approval of the Littman-San Andres Unit Agreement and Waterflood Project contains all required information. We will advertise the unit and waterflood as separate cases on the May 27, 1964, Examiner Hearing Docket, and issue a separate order in each case. If you desire, you may move to consolidate the cases for the purpose of testimony at the hearing. The docket will be printed and a copy mailed to you approximately ten days prior to the hearing.

Please contact me if you need additional information or assistance.

Very truly yours,

J. M. DURRETT, Jr.  
Attorney

JMD/esr

DOCKET MAILED

Date 5-15-64