

Page No. 2

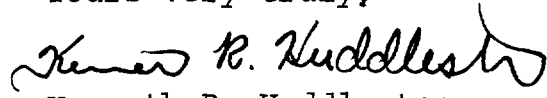
Oil Conservation Commission

4/7/64

Sinclair Oil & Gas Company
P. O. Box 1470
Midland, Texas

Phillips Petroleum Company
Phillips Building
Odessa, Texas

Yours very truly,


Kenneth R. Huddleston

KRH:VW

Encl.

cc State Engineer
P. O. Box 1079
Santa Fe, New Mexico

Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico

Pennzoil Company

Zapata Division

1007 MIDLAND SAVINGS BUILDING • MIDLAND, TEXAS 79704 • PHONE 915 MUTUAL 2-7316

MAIN OFFICE OCC

April 7, 1964

1964 APR 8 AM 8:12

Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Pennzoil Company respectfully requests administrative approval as provided in Rule 701E for the conversion of the following well to water injection, located on the Phillips State "B" Lease, Maljamar Field, Lea County, New Mexico.

Well No. 15, Unit L, Sec. 19, T-17-S, R-33-E

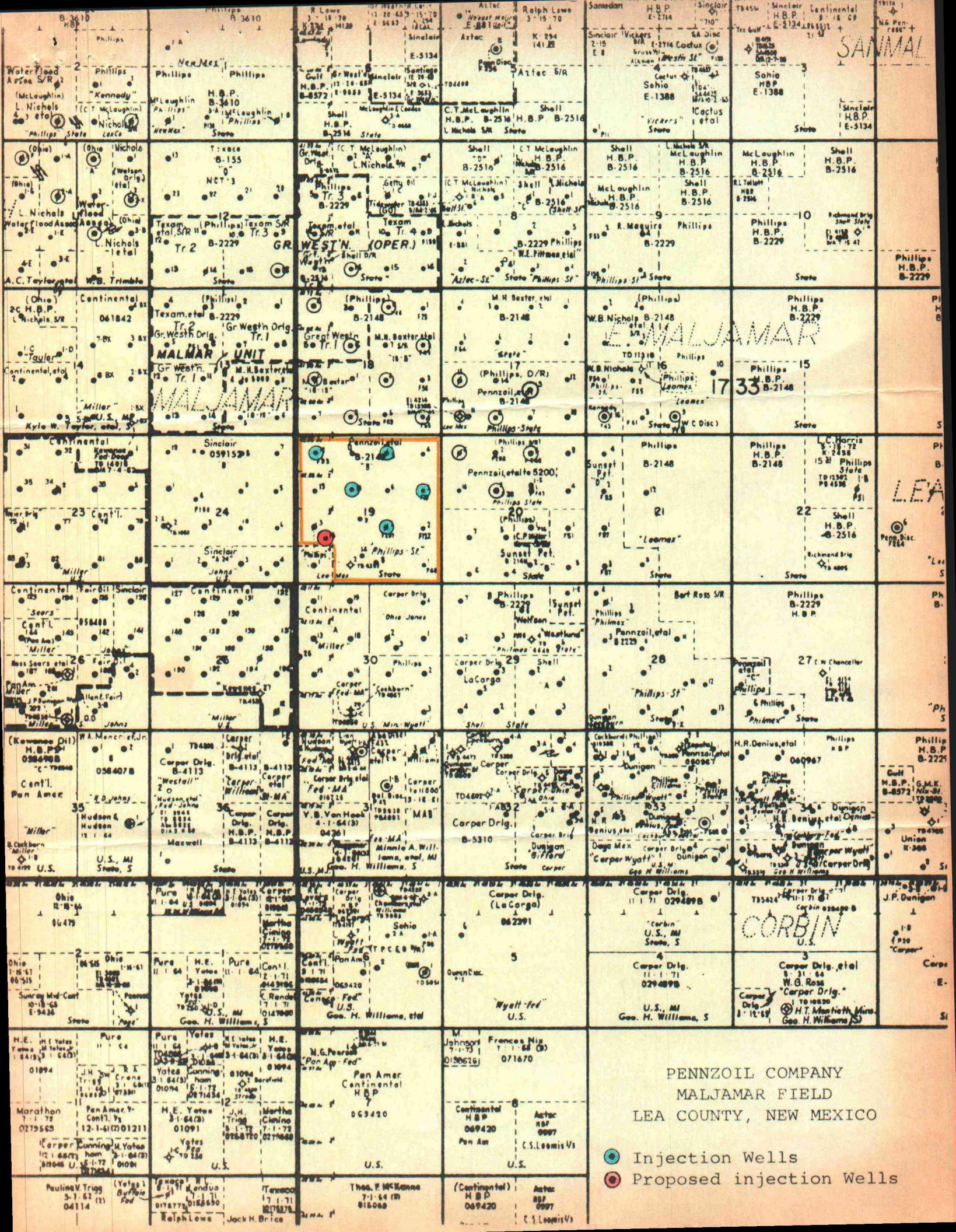
This waterflood project was originally authorized by New Mexico Oil Conservation Commission Order No. R-2157-A dated May 8, 1962.

This well is offset by a producing well which has experienced response from the waterflood. Form C-116 is attached which shows tests before and after stimulation.

Water used for injection is purchased from Caprock Water Company and is produced from the Ogala formation.

The proposed injection well is located on a pattern previously established in this area of the Maljamar Field, results of which have indicated an efficient sweep of oil by the injection of water. The water will be injected into the Grayburg and San Andres formations. The injection well will be equipped with plastic lined tubing and a packer, as shown on the attached schematic diagram, to prevent possible contamination of fresh water zones.

Copies of the application have been sent to the State Engineer and all offset operators as indicated below:



NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Pennzoil Company POOL Maljamar
1007 Midland Savings Bldg.
 ADDRESS Midland, Texas MONTH OF March, 19 64
 SCHEDULED TEST _____ COMPLETION TEST _____ SPECIAL TEST X (Check One)
 (See Instructions on Reverse Side)

Lease	Well No.	Date of Test	Producing Method	Choke Size	Test Hours	Daily Allowable Bbls.	Production During Test			GOR Cu. Ft. Per Bbl.
							Water Bbls.	Oil Bbls.	Gas MCF	
Phillip State B	13	1-6	Pump	TEST BEFORE STIMULATION			0	9.28	32.0	3450
				24	10					
Phillip State B	13	3-28	Pump	TEST AFTER STIMULATION			0.5	68.24	67.0	982
				24	42					

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60 degrees F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission. In accordance with Rule 301 and Appropriate Pool Rules.

(I certify that the information given is true and complete to the best of my knowledge.)

Date March 30, 1964 Pennzoil Company

By *Kenneth R. Huddles*
Engineer

 Title

MAIN OFFICE OCC

1964 APR 2 PM 1:20

April 1, 1964

**Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
Santa Fe, New Mexico**

Dear Mr. Porter:

Reference is made to the two applications of Pennzoil Company, both of which are dated March 30, 1964. One seeks administrative approval for the conversion of Well No. 13, Unit J, Section 17, Township 17 South, Range 33 East in the Maljamar Field to water injection. The other seeks administrative approval for the conversion of Well No. 15, Unit L, Section 19, Township 17 South, Range 33 East, Maljamar Field, to water injection. In view of the statement contained in both applications "The injection well will be equipped with plastic lined tubing and packer to prevent possible contamination of fresh water zones. (See attached schematic diagram)." and in view of the information shown by the schematic diagrams of the two wells, this office offers no objection to the granting of these applications, provided the packer is set below the cement surrounding the production casing.

Yours truly,

**S. E. Reynolds
State Engineer**

By:

**Frank E. Irby
Chief
Water Rights Division**

**FEI/ma
cc-Pennzoil Company
F. H. Hennighausen**

C
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