

Pennzoil Company

Zapata Division

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

MAIN OFFICE CCC

April 7, 1964

1964 APR 8 AM 8:11

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 Western State Lease, Maljamar Field, Lea County, New Mexico.

Well No. 13, Unit J, Sec. 17, T-17-S, R-33-E

This waterflood project was originally authorized by New Mexico Oil Conservation Commission Order No. 2157 dated January 3, 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.

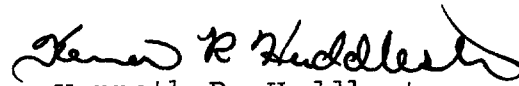
The proposed injection well is located on a pattern previously established in this area of the Maljamar Field, results of which have indicated an efficient sweep into the Grayburg and San Andres formations. The injection well will be equipped with plastic lined tubing and a packer, as shown on the attached 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:

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Oil Conservation Commission
4/7/64

Murphy H. Baxter
1126 Vaughn Building
Midland, Texas

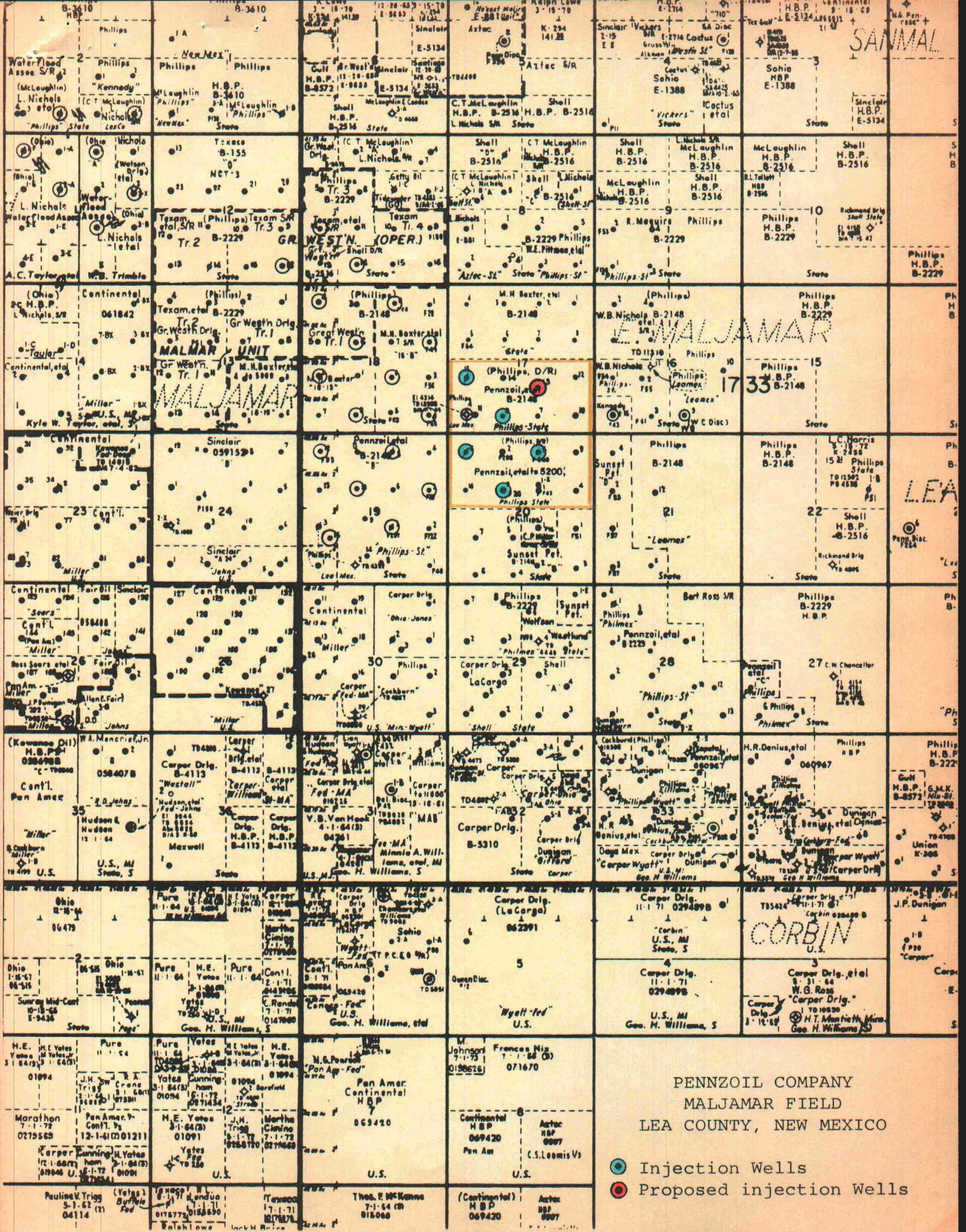
Yours very truly,


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
MALJAMAR FIELD
LEA COUNTY, NEW MEXICO

- Injection Wells
- Proposed injection Wells

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Pennzoil Company POOL Maljamar
ADDRESS 1007 Midland Savings Bldg.
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	
Western State	12	2-24	Pump		24	6	0	5.51	20.6	3740
Western State	12	3-17	Pump		24	6	0	10.17	24.8	2440

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
Company
By Kenneth R. Huddleson
Engineer
Title