

Pennzoil Company

Zapata Division

706 FIRST NATIONAL BANK BUILDING •

MIDLAND, TEXAS 79704 •

PHONE 915 MUtual 2-7316

November 27, 1963

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WV - 160

New line 17

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

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

Gentlemen:

Pennzoil Company requests administrative approval as provided in Rule 701 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. 12 Unit D, Sec. 19, T-17-S, R-33-E

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

The proposed injection wells are 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 injection well will be equipped with plastic lined tubing and packer to prevent possible contamination of fresh water zones. (See attached schematic diagrams).

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

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

Murphy H. Baxter
1126 Vaughn Building
Midland, Texas

Yours very truly,


Kenneth R. Huddleston

KRH:VW

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Oil Conservation Commission
11/27/63

RECEIVED
NOV 28 PM 1 17

Enclosures

cc State Engineer
P. O. Box 1069
Santa Fe, New Mexico

Attention: Mr. Frank Irby

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

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR.....**PENNZOIL COMPANY**..... POOL.....**MALJAMAR**.....
 ADDRESS.....**706 First National Bank Bldg.**..... MONTH OF.....**November**....., 19**63**.....
 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	
TEST BEFORE STIMULATION										
Phillips State "B"	11	8-20	Pump	-	24	11	0	10.24	37.2	3630
TEST AFTER STIMULATION										
Phillips State "B"	11	11-25	Pump	-	24	33	0.5	32.51	35.1	1080

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.

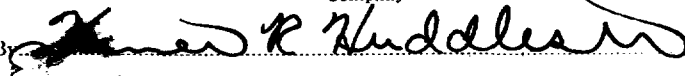
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60 degrees F. Specific gravity base will be 0.60.

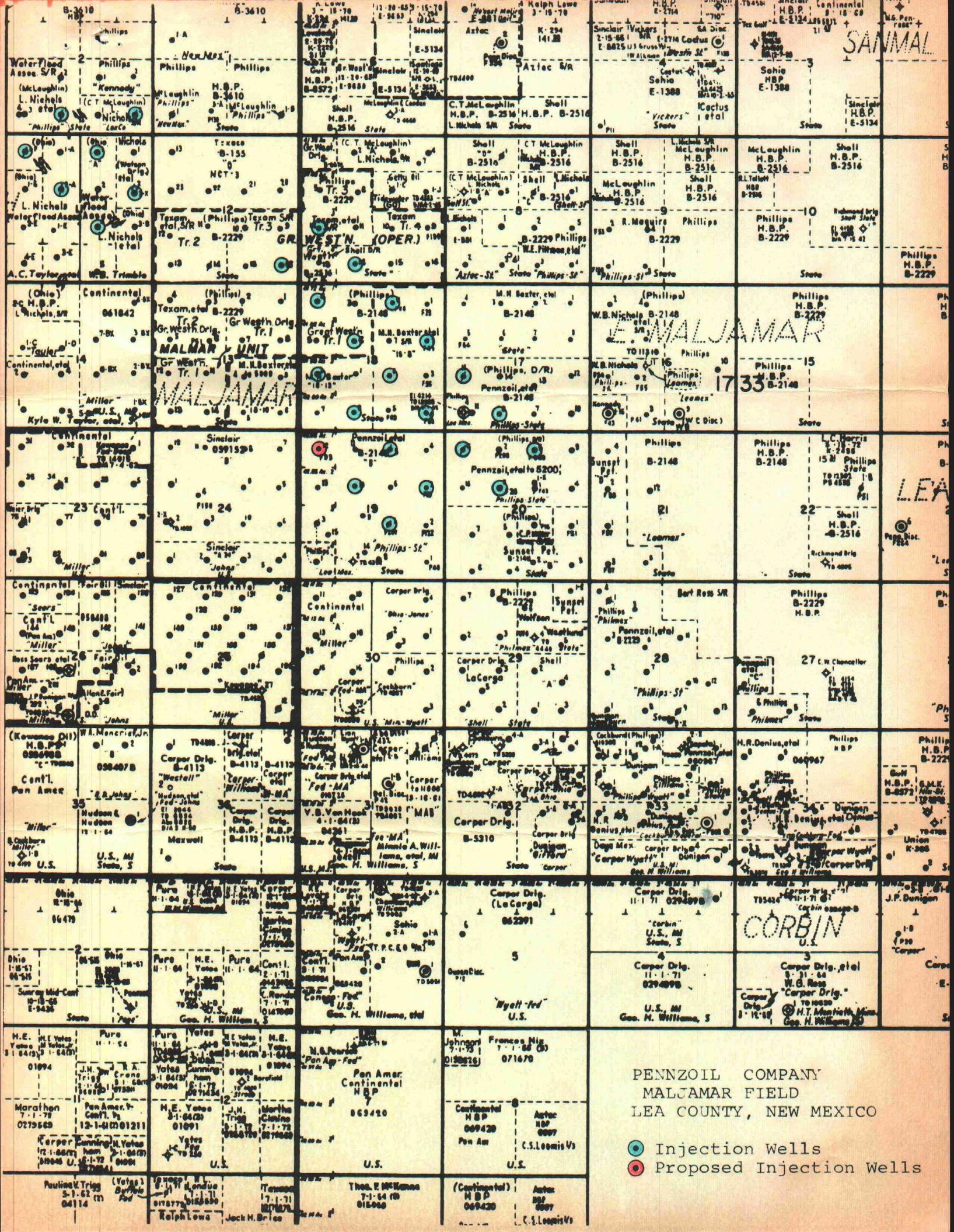
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission. In accordance with Rule 301 and Appropriate Pool Rules.

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

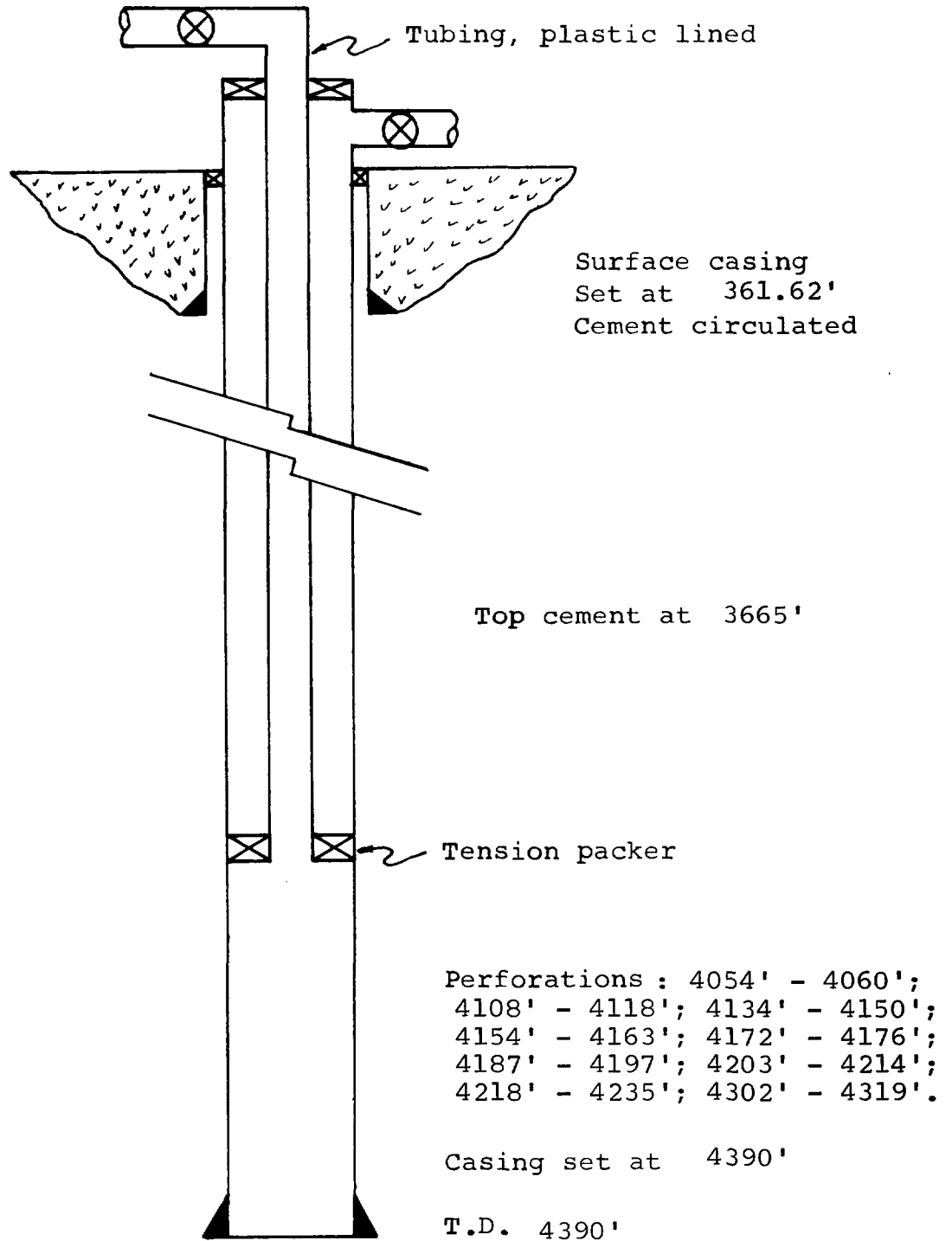
Date.....**November 27, 1963**.....

PENNZOIL COMPANY

By..........
 Engineer
 Title



PENNZOIL COMPANY
WATER INJECTION WELL SCHEMATIC
MALJAMAR FIELD
LEA COUNTY, NEW MEXICO
Phillips State B No. 12





STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

December 10, 1963

RECEIVED
DEC 11 AM 8:00
ADDRESS CORRESPONDENCE TO:
STATE CAPITOL
SANTA FE, N. M.

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

Dear Mr. Porter:

Reference is made to the application of Pennzoil Company which seeks administrative approval for the conversion of Well No. 12, Unit D, Sec. 19, T. 17 S., R. 33 E., to water injection, which was submitted on November 27, 1963.

This office offers no objection to the granting of this application, provided packer and tubing are set well below (3665') top of cement surrounding production string.

Very truly yours,

S. E. Reynolds
State Engineer

ma
cc-Pennzoil Company
F. H. Hennighausen

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