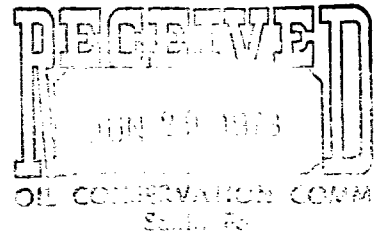




PETROLEUM PRODUCTS

June 28, 1973



TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Conversion to Injection
West Vacuum Unit Well No. 5
Vacuum Grayburg San Andres Pool
Lea County, New Mexico

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

Gentlemen:

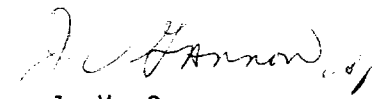
Texaco Inc. respectfully requests administrative approval of the New Mexico Oil Conservation Commission, as provided by Order R-4234, to convert to water injection the West Vacuum Unit Well No. 5 located in Unit M, Section 28, T-17-S, R-34-E. Initial authorization for the West Vacuum Unit was granted by Commission Order No. R-3008 dated December 3, 1965. The proposed injector is located in a pattern that will result in a more thorough and efficient sweep of the reservoir and will be a cooperative injector with Phillips Petroleum Corporation's Lea State Well No. 4.

Injection will be into the Grayburg-San Andres formation at a depth of 4537' to 4698'. Initial injection will be at a rate of approximately 250 barrels of water per day at an estimated surface pressure of 2400 psi. The source of water will be from a supply well located in Section 2, T-18-S, R-34-E. Water from this source is obtained from the Ogallala formation.

Attached is a plat showing all wells and lessees within a two mile radius of the proposed injection well, a diagrammatic sketch of the well and a log of the well showing the injection interval.

All offset operators have been notified by copy of this letter.

Yours very truly,


J. V. Gannon
District Superintendent

BRH-BH

MAS, Jr.
NMOCC-Hobbs

Attachments

WEST VACUUM UNIT

OFFSET OPERATORS

Atlantic Richfield Company
P. O. Box 1710
Hobbs, New Mexico 88240

Amoco Production Company
P. O. Box 68
Hobbs, New Mexico 88240

Aztec Oil & Gas Company
P. O. Box 847
Hobbs, New Mexico 88240

Gulf Oil Company
P. O. Box 670
Hobbs, New Mexico 88240

Mobil Oil Company
P. O. Box 1800
Hobbs, New Mexico 88240

Phillips Petroleum Company
Phillips Building
4th & Washington
Odessa, Texas 79760

Union Oil Company of California
P. O. Box 3100
Midland, Texas 79701

Tubing-Casing annulus loaded
with inhibited fluid.

Pressure Gauge → ○

← 8-5/8" csg. set at 428'. Cmt. with
250 sacks. Cement circulated.

← 5-1/2" csg. set at 4901. Cmt.
with 278 sacks. Top of cmt. at
3024'.

← 2-3/8" Plastic Coated tubing at
4470'.

← Nickle Plated Packer at 4470'.

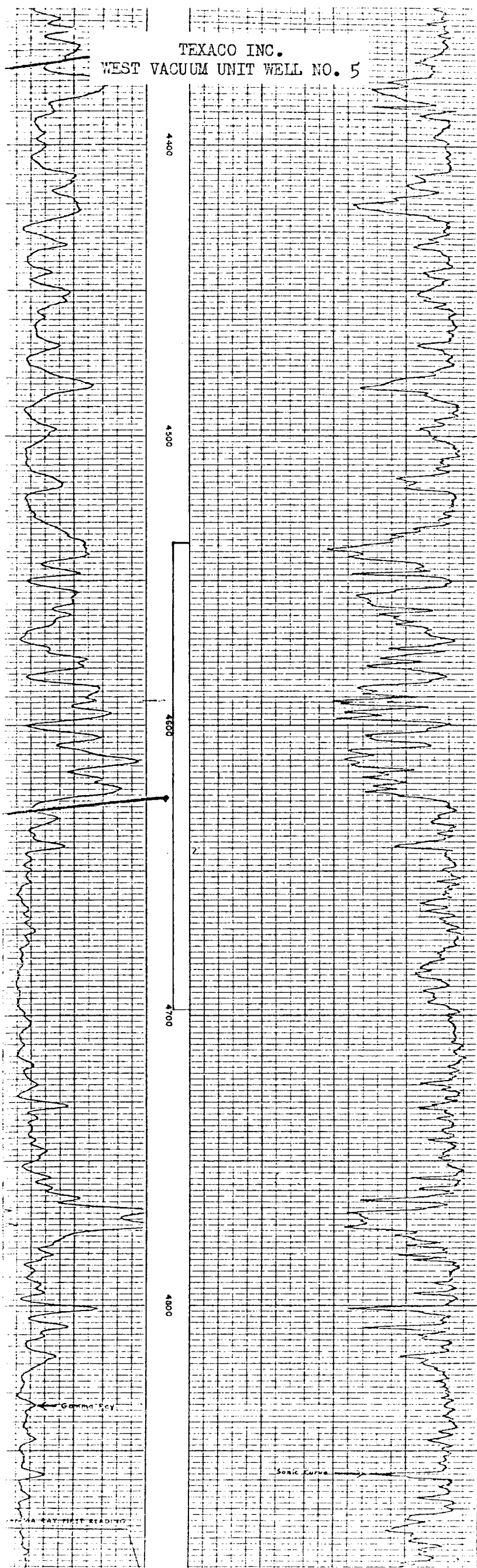
SAN ANDRES
PERF:
4537' to 4698'

— Injection Interval

← PBTD 4895'

Proposed Injection Well
TEXACO INC.
WEST VACUUM UNIT WELL NO. 5
VACUUM GRAYBURG SAN ANDRES POOL
LEA COUNTY, NEW MEXICO

TEXACO INC.
WEST VACUUM UNIT WELL NO. 5



LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE