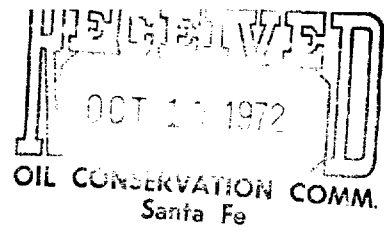




PETROLEUM PRODUCTS

PRODUCING DEPARTMENT  
CENTRAL UNITED STATES  
MIDLAND DIVISION

October 9, 1972



TEXACO INC.  
P. O. BOX 3109  
MIDLAND, TEXAS 79701

*Case 4851*

REQUEST FOR HEARING  
UNITIZATION AND PRESSURE MAINTENANCE  
VACUUM GRAYBURG-SAN ANDRES POOL  
LEA COUNTY, NEW MEXICO

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 88750

Attention: Mr. A. L. Porter, Secretary Director

Gentlemen:

Texaco Inc. respectfully requests that evidence be considered at the November 1, 1972 Examiner Hearing in Santa Fe, New Mexico, for an application to:

1. Unitize 1400 acres in the Vacuum Grayburg-San Andres Pool.
2. Drill eight (8) injectors and seven (7) producers at unorthodox locations.
3. Initiate pressure maintenance operations.
4. Assign a bonus allowable to the project area.

The proposed unit area is comprised of nine state leases, all of which are 100% owned and operated by Texaco, but with three separate royalty beneficiaries. The Unit Agreement has been prepared and will be forwarded to the State Land Office for approval.

It is planned to develop an 80-acre inverted nine-spot flood pattern by drilling eight (8) injection wells and seven (7) producing wells. Injection will be into the Grayburg-San Andres formation at an average depth of 4000 to 4800 feet. Initial injection rates are anticipated to be 1500 barrels of water per day per well. Fresh water will be used for injection fluid and is available from four water supply wells located in Sections 1 and 2 of T-18-S, R-34-E and Section 30 of T-17-S, R-35-E. These wells were permitted by the State Engineer in the Lea County Shallow Underground Basin under Permits L-2722, L-2723, and L-4247 through L-4247-X-3 with a combined appropriation of 2100 acre-feet (44,000 BPD) per year.

*10-18-72*  
Date


October 9, 1972

Attached is a plat of the proposed project area, a diagrammatic sketch of a typical injection well, a list of leases and corresponding royalty beneficiaries, and a list of offset operators. Detailed information supporting this application will be presented at the hearing.

A copy of this letter is being forwarded to the Commissioner of Public Lands in Santa Fe, New Mexico. A copy of the letter together with attachments is being mailed to each offset operator.

Yours very truly,

Darrell Smith  
Division Manager

By   
R. G. Brown  
Assistant to Division Manager

KWH/sl

Attachments

cc: Commissioner of Public Lands

All Offset Operators (List Attached)

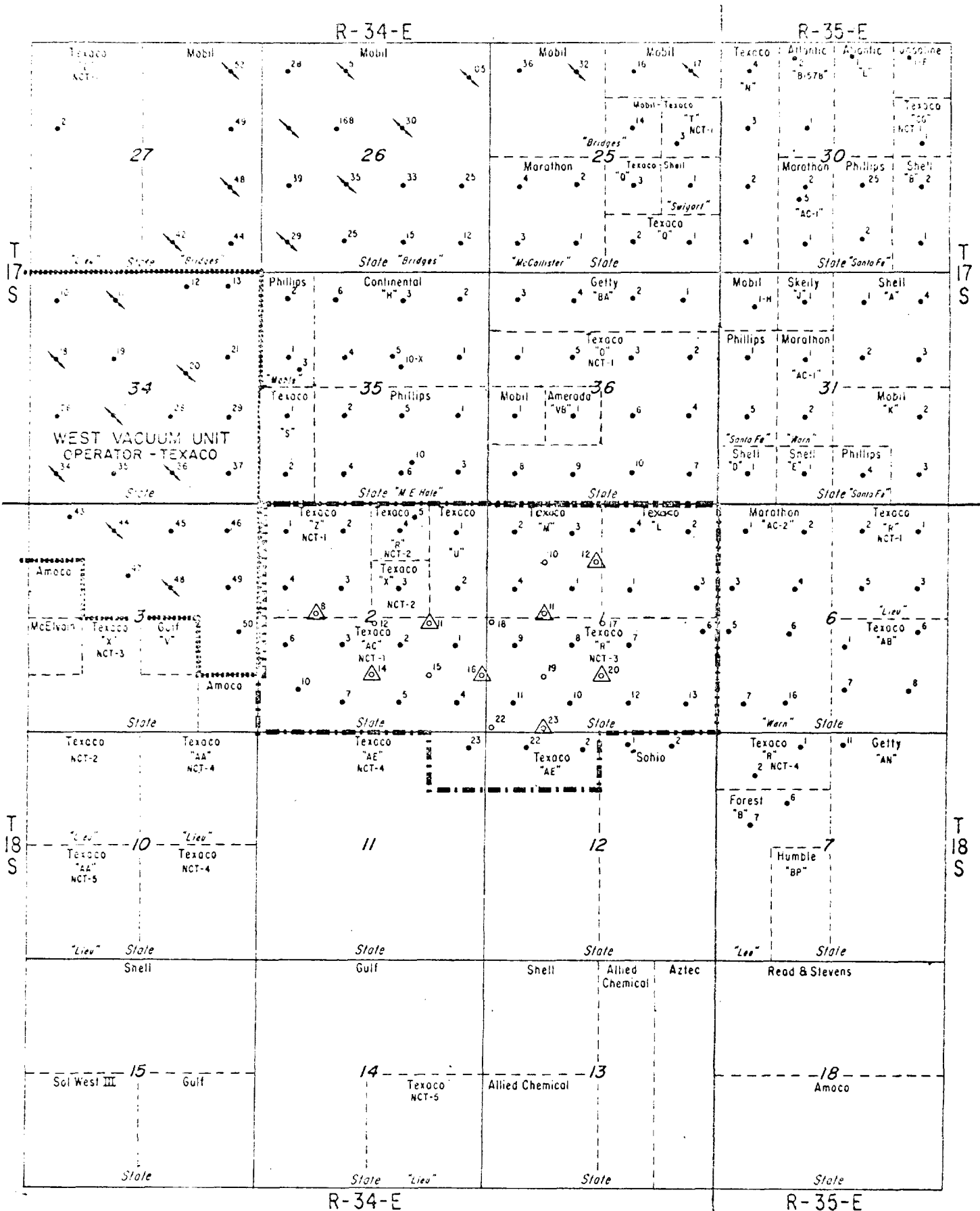


FIGURE NO. 6

TEXACO Inc.

A PORTION OF

VACUUM GRAYBURG SAN ANDRES POOL

LEA COUNTY, NEW MEXICO

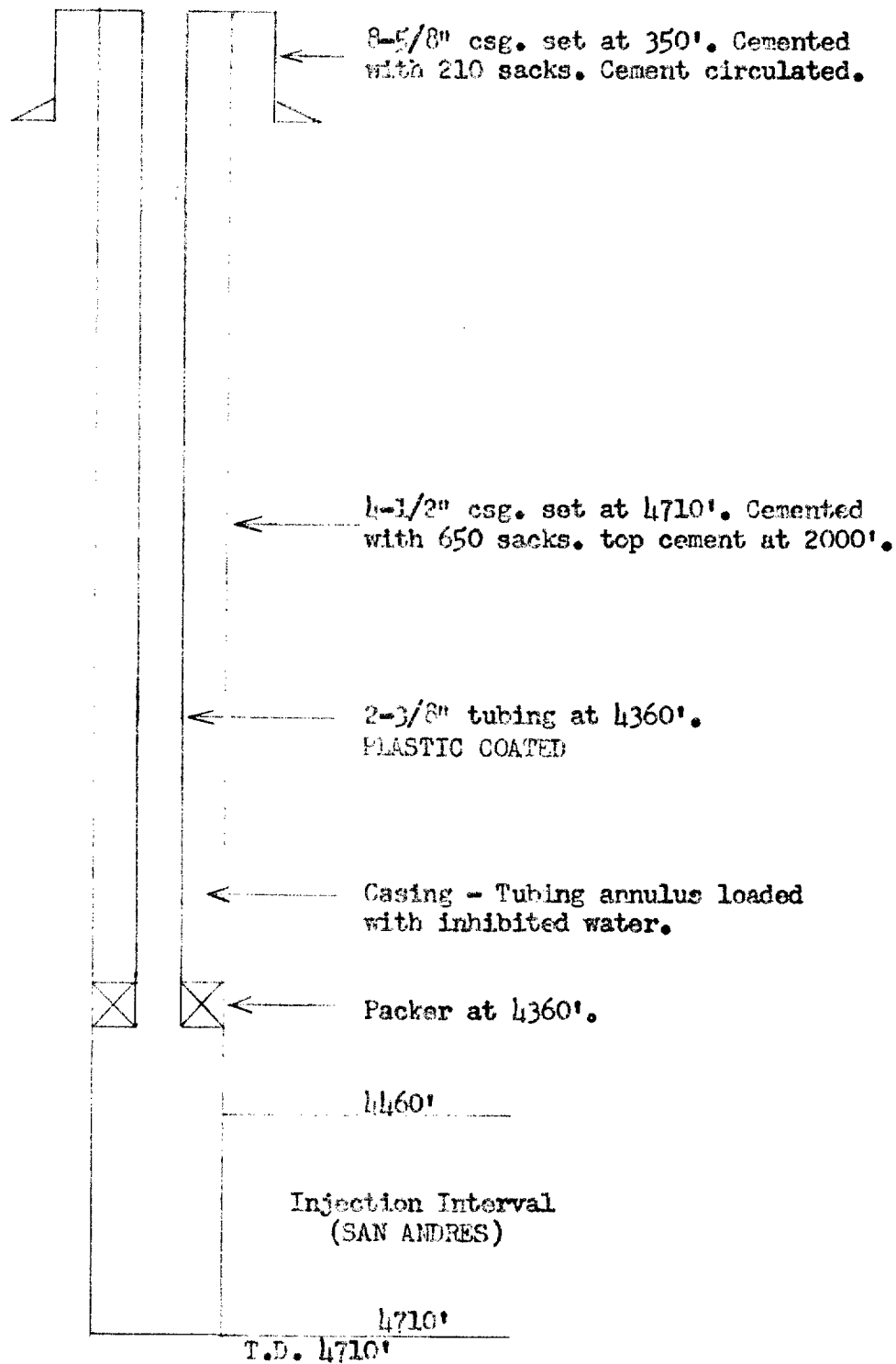
SCALE: 0' 2000' 4000'

FMR

7-11-72

Case 4851

Case 4851



Diagrammatic sketch of typical injection well

TEXACO INC.  
NEW MEXICO "R" STATE (NCT-3) NO. 20  
VACUUM GRAYBURG-SAN ANDRES POOL  
LEA COUNTY, NEW MEXICO

*Case 4851*

LIST OF BENEFICIARIES

<u>LEASE</u>	<u>BENEFICIARY</u>
New Mexico "L" State	Lieu
New Mexico "M" State	Lieu
New Mexico "R" State (NCT-2)	Common School Land
New Mexico "R" State (NCT-3)	Military Institute
New Mexico "U" State	Common School Land
New Mexico "X" State (NCT-2)	Lieu
New Mexico "Z" State (NCT-1)	Common School Land
New Mexico "AC" State (NCT-1)	Common School Land
New Mexico "AE" State	Lieu

LIST OF OFFSET OPERATORS

*Page 4851*

Amoco Production Company  
Box 3092  
Houston, Texas 77001

Humble Oil & Refining Company  
Box 1600  
Midland, Texas 79701

Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79701

Phillips Petroleum Company  
Phillips Building  
Odessa, Texas 79760

Shell Oil Company  
Box 1509  
Midland, Texas 79701

Sohio Petroleum Company  
Box 3167  
Midland, Texas 79701