

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION MAIN OFFICE OCCAPPLICATION 1964 JUN 15 AM 7:45
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION
NOT PRODUCTIVE OF OIL OR GASOperator TEXACO Inc. Address P. O. Box 728-Hobbs, New MexicoState of New
Lease Mexico "AA" (NCT-4) Well No. SWD-1 County LeaUnit B Section 10 Township 18-South Range 34-East

This is an application to dispose of salt water produced from the following pool(s):

Vacuum (Wolfcamp, Pennsylvanian, San Andres, Abo Reef, North Abo, Blinbry, Devonian, Glorieta)Name of Injection Formation(s) Basal San AndresTop of injection zone: 5100' Bottom of injection zone: 5460'

Give operator, lease, well no., and location of any other well in this area using this same

zone for disposal purposes TEXACO Inc, State of New Mexico "O" (NCT-1) Well No. 12,1800' FS & EL, Sec. 36, T-17-S, R-34-E, Lea County, New Mexico

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface	8-5/8"	370'	300	Surface
Intermediate	-	-	-	-
Long String	5-1/2"	5100'	200	Est. 4000'

Will injection be through tubing, casing, or annulus? TubingSize tubing 2-3/8" OD Setting depth: 5080' Packer set at 5080'Name and Model No. of packer Baker Shorty Tension TypeWill injection be through perforations or open hole? Open HoleProposed interval(s) of injection: 5100' to 5460'Well was originally drilled for what purpose? To be drilled for salt water disposal.Has well ever been perforated in any zone other than the proposed injection zone? No

List all such perforated intervals and sacks of cement used to seal off or squeeze each:

NoneGive depth of bottom of next higher zone which produces oil or gas. 4710'Give depth of top of next lower zone which produces oil or gas. 8600'Give depth of bottom of deepest fresh water zone in area: 300' (Est.)Expected volume of salt water to be injected daily (barrels): 1000Will injection be by gravity or pump pressure? Pump Estimated pressure: 500 psiIs system open or close type? Closed Is filtration or chemical treatment necessary? No

Is the water to be disposed of mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? Yes

Is any water occurring naturally within the proposed disposal formation mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? Yes

List all offset operators to the lease on which this well is located and their mailing address

Pan American Petroleum Corp., Box 68, Hobbs, New Mexico

Name and address of surface owner Scarbauer Cattle Co., Midland, Texas

Have copies of this application been sent by registered mail or given to all offset operators, surface owners, and to the New Mexico State Engineer? Yes (reg. mail on June 15, 1964)

Is a complete electrical log of this well attached? No. Well to be logged after drilling.

Log of twin well attached - TEXACO St. of N.M. "AA" (NCT-4) Well No. 3

Operator: TEXACO Inc.

By: J. G. Blevins, Jr.

Title: Assist. District Superintendent

STATE OF New Mexico)
) ss.
County of Lea)

BEFORE ME, The undersigned authority, on this day personally appeared J. G. Blevins, Jr. known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN TO before me this the 15 day of June, 19 64.

Jeanne Redmon
Notary Public in and for the County of Lea

My Commission Expires June 20, 1965
Jeanne Redmon

NOTE: Should waivers from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said fifteen-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

Salt Water

8-5/8" Casing to be set @370'
Cement to be circulated w/300 sx neat cement.

5-1/2" casing to be set @5100'

2-3/8" tubing to be set @5080'
To be plastic coated for corrosion

Baker Shorty Tension Packer to be set @5080'

Top @5100'
Basal San Andres

on: Salt water disposal

5460'

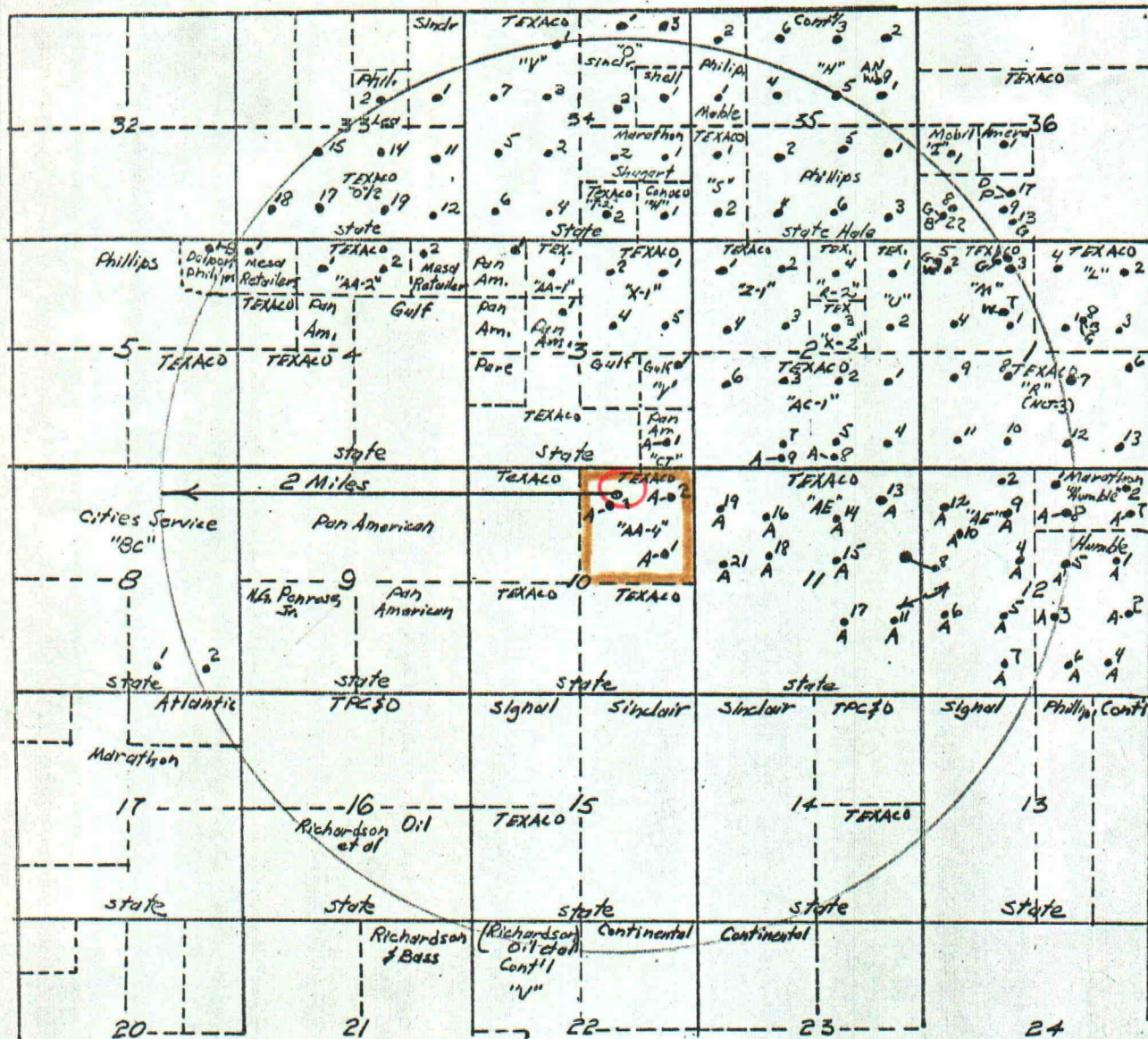
Open hole

Est. 5100' - 5460'

Total depth to be 5460'

State of New Mexico "AA" (NCT-4) Well No. SWD-1
Vacuum Field
Lea County, New Mexico
June 15, 1964

R-34-E



TEXACO Inc.
State of New Mexico "AA" (NCT-4) Lease
Vacuum Field
Lea County, New Mexico

LEGEND

SCALE: 1" = 4000'

- A-Abo Reef
- B-Blaineby
- G-Glorieta
- W-Wolfcamp
- AN-Abo, North
- Wells not Designated are completed in San Andres

TEXACO INC.

PETROLEUM PRODUCTS



DRAWER 728
HOBBS, NEW MEXICO 88240

June 15, 1964

Pan American Petroleum Corporation
Box 68
Hobbs, New Mexico

State Engineers Office
Box 1379
Santa Fe, New Mexico

Scharbaur Cattle Company
Midland, Texas

Re: Salt Water Disposal
Vacuum Field, Lea County, New Mexico

Gentlemen:

TEXACO proposes to drill a salt water disposal well, to be located in Unit B, Section 10, Township-18-south, Range-34-East, Lea County, New Mexico, for disposing salt water produced from the Vacuum (Maltipay) Field into the non-oil-or-gas bearing Basal San Andres.

Your signing the statement below will serve as waiver to objections to this proposal. TEXACO Inc. shall greatly appreciate your signing the waiver and mailing the original to the New Mexico Oil Conservation Commission, P. O. Box 2088, Santa Fe, New Mexico and the copy to TEXACO Inc., P. O. Box 728, Hobbs, New Mexico.

Yours very truly,

J. G. Blavins, Jr.
Assistant District Superintendent

WPY/cn

Attachments

STATEMENT

I/We concur with the TEXACO Inc. proposal and the signature below verifies this waiver.

(Name of Party Waiving Objections)

(Signature)

(Date)

TEXACO
INC.

PETROLEUM PRODUCTS



MAIN OFFICE OCC
1964 JUN 22 AM 7:52

DRAWER 728
HOBBS, NEW MEXICO 88240

June 19, 1964

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

Re: TEXACO Inc., Application
To Dispose of Salt Water
By Injection Into A Porous
Formation Not Productive
Of Oil Or Gas, Dated June 15,
1964, State of New Mexico "AA"
(NOM-4) Well No. SWD-1, Vacuum
Field, Lea County, New Mexico

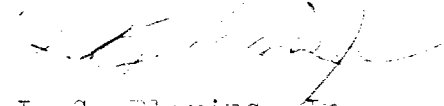
Attention: Mr. A. L. Porter, Jr.

Gentlemen:

This is to advise that TEXACO Inc. inadvertently sent a copy of the subject salt water disposal application and letter requesting waiver of objection to the Schabacker Cattle Company, Midland, Texas, as land surface owner of the pertinent State of New Mexico Lease instead of to the State Land Office, the office that should have received a copy of the application.

A copy of the application was sent by registered mail this date to the State Land Office, Santa Fe, for their notification. If, by notifying the State Land Office at this later date, this voids the application, please notify TEXACO Inc., Box 720, Hobbs, New Mexico, as early as possible so that a new application can be made.

Yours very truly,


J. G. Blarins, Jr.
Assistant District
Superintendent

WPY:sg
cc: NMOCC - Hobbs

Attachment

MAIN OFFICE OCC

1964 JUN 25 AM 7:44

June 24, 1964

C
Texaco Inc.
P. O. Box 728
Hobbs, New Mexico

O
Re: Texaco Inc. Application to Dispose of Salt Water by Injection
Into a Porous Formation Not Productive of Oil or Gas, State of
New Mexico "AA" (NCT-4) Well No. SWD-1, (Vacuum Field, Lea County
New Mexico-Section 10, Township 18South, Range 34East

Att: Mr. J. G. Blevins, Jr.

P
Dear Mr. Blevins:

This is to acknowledge receipt of your letter under date of June 19, 1964,
with reference to the above captioned.

P
Please complete the enclosed application for a Salt Water Disposal Well and
return same to this office together with your check in the amount of \$50.00
for the annual rental, plus a \$5.00 application fee.

Y
Upon receipt of the properly executed application together with the required
rental and application fee your permit will be issued for a term of 5 years
with the right to renew.

Very truly yours,

E. S. JOHNNY WALKER
Commissioner of Public Lands
By:

SAF:pl

enclosure

S. A. FLOERSHEIM, Supervisor
Lands and Minerals Division

cc: Oil Conservation Commission
P. O. Box 208E
Santa Fe, New Mexico

MAIN OFFICE OCC
1964 JUN 22 AM 7:57

June 19, 1964

Commissioner of Public Lands
State Land Office
P. O. Box 1148
Santa Fe, New Mexico

Re: TEXACO Inc. Application
To Dispose Of Salt Water By
Injection Into A Porous
Formation Not Productive Of
Oil Or Gas, State of New
Mexico "AA" (NCT-4) Well No.
SWD-1, (Vacuum Field, Lea
County, New Mexico

Gentlemen:

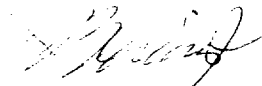
TEXACO Inc. made application to dispose of salt water by injection into a porous formation not productive of oil or gas to the New Mexico Oil Conservation Commission, dated June 15, 1964, by drilling a well for disposal into the Basal San Andres formation in the Vacuum Field, Lea County, New Mexico. A copy of the application and letter requesting waiver of objection was inadvertently sent to Scharbauer Cattle Company, Midland, Texas, as land surface owner instead of to the New Mexico State Land Office. Scharbauer Cattle Company is the surface leasee, not the land owner.

The State Engineer's office approved drilling the well, as indicated by a copy of the attached letter from that office. No approval shall be necessary from the Scharbauer Cattle Company, since being the leasee rather than the land surface owner.

Page Two
Commissioner of Public Lands
June 19, 1964

Therefore, would you please examine the application copy and, if it meets with your approval, please notify the New Mexico Oil Conservation Commission, Santa Fe, New Mexico, and mail a copy to TEXAC Inc., P. O. Box 728, Hobbs, New Mexico. It would be greatly appreciated if you could give this your immediate attention so that work can be commenced at an early time for the disposal of the salt water.

Yours very truly,



J. G. Blevins, Jr.
Assistant District
Superintendent

WPY:sg

Attachments

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 268
Lubbock, Texas 79401
June 24, 1964

1964 JUN 25 AM 7:41
OCC

File: RES-3342-501.61

Subject: Waiver for Salt Water Disposal
Vacuum Field
Lea County, New Mexico

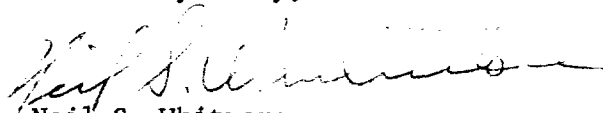
New Mexico Oil and Gas Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Gentlemen:

The undersigned, being an authorized representative of the offset operator, has been duly informed by Texaco, Inc. of their intention to dispose of salt water produced from the Vacuum (Multipay) Field into the non-oil-or-gas bearing Basal San Andres horizon and hereby waives notice of hearing.

It is our understanding that the well in which Texaco, Inc. proposes to dispose of salt water is to be located in Unit B, Section 10, T-18-S, R-34-E, Lea County, New Mexico.

Yours very truly,


Neil S. Whitmore
District Superintendent

JCB:rl

cc: Texaco, Inc.
P. O. Box 728
Hobbs, New Mexico



MAIN OFFICE OCC

STATE OF NEW MEXICO

1964 JUN 18 PM 1:19

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

June 17, 1964

ADDRESS CORRESPONDENCE TO:
STATE CAPITOL
SANTA FE, N. M.

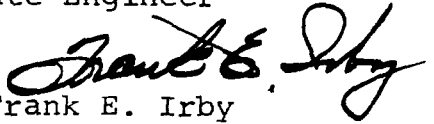
Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Porter:

Reference is made to the application of Texaco, Inc., dated June 15, 1964, which seeks administrative approval for a salt water disposal well to be drilled and used in Unit B of Sec. 10, T. 18 S., R. 34 E., which will be designated as State of New Mexico "AA" (NCT-4) Well No. SWD 1. It appears from the well construction and equipment set forth in the application and the attached diagrammatic sketch of the well plan, that no threat of contamination to the fresh waters which may exist in the area will occur. Therefore, this office offers no objection to the granting of this application, provided there is no change in the plan with regard to well construction and equipment.

Yours truly,

S. E. Reynolds
State Engineer

By: 
Frank E. Irby
Chief
Water Rights Div.

FEI/ma
cc-Texaco, Inc.
F. H. Hennighausen

MAIN OFFICE OCC

OIL CONSERVATION COMMISSION

1964 JUL 6 AM 8:06

BOX 1920

ROBBS, NEW MEXICO

June 29, 1964

Oil Conservation Commission
Box 371
Santa Fe, New Mexico

SWD

Re: Proposed XXX

Gentlemen:

I have examined the application dated June 16, 1964

for the Texaco, Inc. St. of New Mex. AA NCT-4 SWD-1 10-18-34
Operator Lease & Well No. S T-E

and my recommendations are as follows:

OK EFE

OK JWR

Yours very truly,

OIL CONSERVATION COMMISSION



67 SEP 17 AM

HOBBS, NEW MEXICO 88240

Attachment