

WD - 40
1963 OCT 16
Revised 9 16 58

MAIN OFFICE OCC STATE OF NEW MEXICO OIL CONSERVATION COMMISSION MAIN OFFICE OCC

1963 SEP 23 AM 8:32 APPLICATION 1963 OCT 1 PM 3:52
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION
NOT PRODUCTIVE OF OIL OR GAS

Operator TEXACO Inc. Address P.O. Box 728-Hobbs, New Mexico
(NCT-1)
Lease State of New Mexico "BN" Well No. 1 County Lea
Unit L Section 25 Township 11-S Range 32-E

This is an application to dispose of salt water produced from the following pool(s):
Moore (Devonian)
Name of Injection Formation(s) Glorieta and Tubb
Top of injection zone 4790 Bottom of injection zone 6400
Give operator, lease, well no., and location of any other well in this area using this same
zone for disposal purposes None

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface	13-3/8"	364'	350	Circulated
Intermediate	8-5/8"	3540'	2000	Circulated
Long String	5-1/2"	10,232'	450	7430'

Will injection be through tubing, casing, or annulus? Tubing
Size tubing 3-1/2" Setting depth: 4550' Packer set at 4550'
Name and Model No. of packer Baker Model D Production Packer
Will injection be through perforations or open hole? Perforations
Proposed interval(s) of injection: 4790'-4890' and 6300'-6400'
Well was originally drilled for what purpose? Oil Production
Has well ever been perforated in any zone other than the proposed injection zone? Yes

List all such perforated intervals and sacks of cement used to seal off or squeeze each:
Perfs. 10,070' to 10,150', bridge plug set @ 9630' with 120' of sand on top. Perfs. 8302'
to 8345' squeezed with 50 sacks cement. Perfs. 8234' to 8260' to be isolated by setting bridge
plug @ 8100' and capping with cement.
Give depth of bottom of next higher zone which produces oil or gas. None Productive
Give depth of top of next lower zone which produces oil or gas 8200'
Give depth of bottom of deepest fresh water zone in area: 135'
Expected volume of salt water to be injected daily (barrels): 5000
Will injection be by gravity or pump pressure? Pump Estimated pressure: 800 psi
Is system open or close type? Open 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

C. E. Caple - 3029 Perlita Ave. - Los Angeles 39, California

McAlester Fuel Company - P. O. Box 1608 - Midland, Texas

Great Western Drilling Company - P. O. Box 1659 - Midland, Texas

Sunray Mid-Continent Oil Company - 1101 Wilco Building - Midland, Texas

L. C. Harris - Hinkle Building - Roswell, New Mexico

Tidewater Oil Company - P. O. Box 1231 - Midland, Texas

Samedan Oil Corporation - 502 V&J Tower Building - Midland, Texas

Name and address of surface owner State of New Mexico

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? By Registered Mail 9-20-63

Is a complete electrical log of this well attached? Yes

Operator: TEXACO Inc.

By: H. D. Raymond
H. D. Raymond

Title: Assistant District Superintendent

STATE OF NEW MEXICO)
) ss.
County of LEA)

BEFORE ME, The undersigned authority, on this day personally appeared H. D. Raymond 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 20th day of September, 19 63.

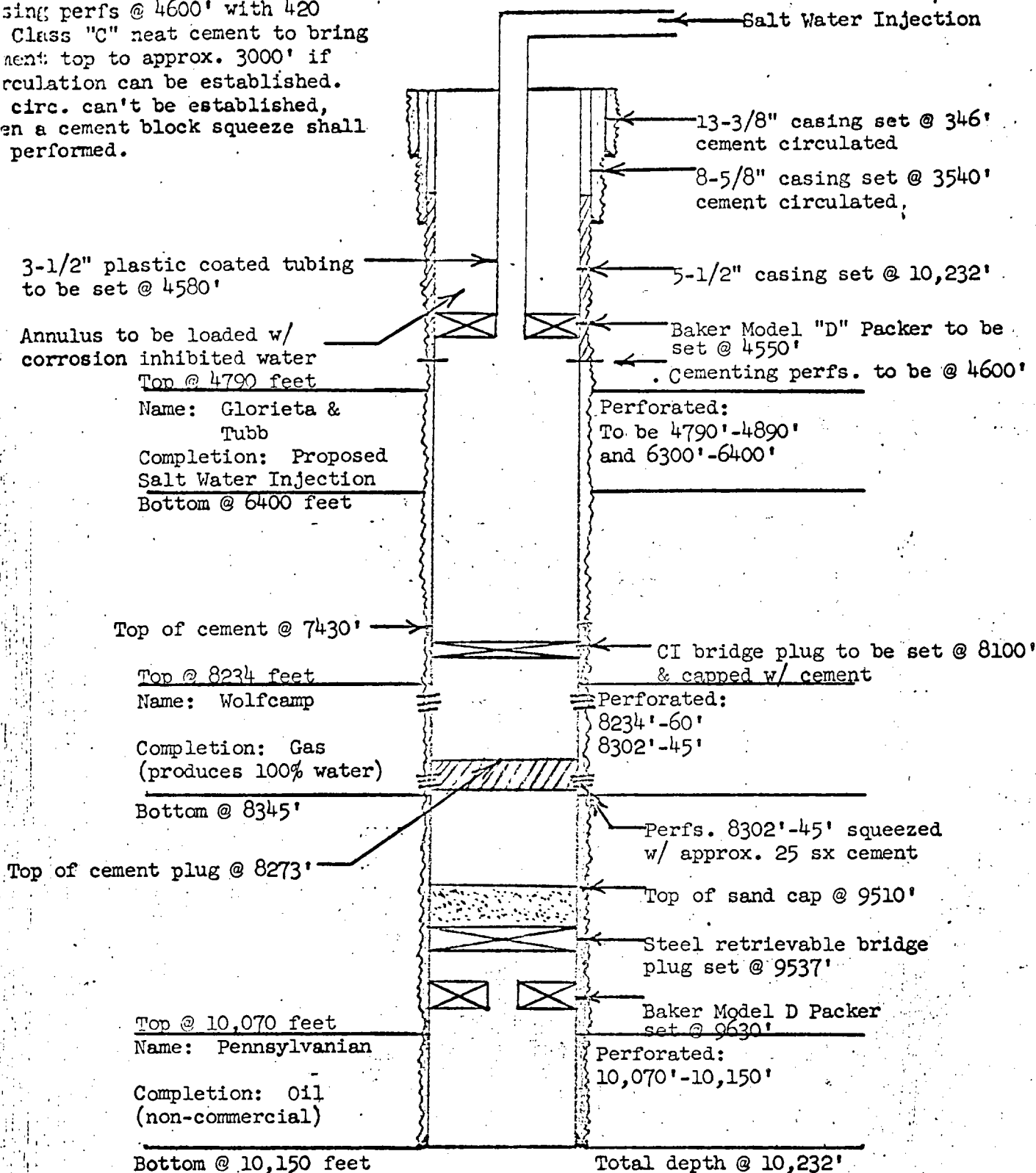
Jeanne Redmond
Notary Public in and for the County of Lea

June 20, 1965
My Commission Expires

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.

**DIAGRAMMATIC SKETCH OF
PROPOSED SALT WATER INJECTION WELL**

NOTE: To be cemented through casing perfs @ 4600' with 420 rx Class "C" neat cement to bring cement top to approx. 3000' if circulation can be established. If circ. can't be established, then a cement block squeeze shall be performed.



TEXACO Inc.

Lease: State of New Mexico "BN" (NCT-1) Well No. 10
Field: Moore (Pennsylvanian & Wolfcamp)
Date: September 23, 1963



PLAT

State of New Mexico "BN"(NCT-1) Well No. 1
Moore (Devonian) Field
Lea County, New Mexico
Scale: 1" = 4000'

LEGEND:

W- Wolfcamp (Gas)
P- Pennsylvanian
Wells not designated
produce from Devonian

MAIN OFFICE 000

TEXACO
INC.

PETROLEUM PRODUCTS

1963 OCT 3 PM 1:23



DRAWER 728

HOBBS, NEW MEXICO 88240

September 20, 1963

Samedan Oil Corporation
502 V & J Tower Building
Midland, Texas

Re: Convert TEXACO Inc. State of
New Mexico "BN" (NCT-1) Well
No. 1 to Salt Water Disposal
Well, Moore (Devonian) Field,
Lea County, New Mexico

Gentlemen:

TEXACO Inc. proposes to condition the subject well, located in the NW/4 of the SW/4 of Section 25, Township 11-S, Range 32-E, Lea County, New Mexico, for disposing salt water produced from the Moore (Devonian) Field into the non-oil-or-gas bearing Glorieta and Tubb formations.

Your signing the statement below will serve as waiver to this proposal. TEXACO Inc. shall greatly appreciate your signing the waiver and mailing one copy to each party concerned whose address is contained on each of the attached envelopes.

Yours very truly,

A handwritten signature in cursive script, appearing to read "W. B. Hubbard".

W. B. Hubbard
District Superintendent

WPY-bh
Attachments

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

SAMEDAN OIL CORPORATION
(Name of Operator or Lessee)

[Handwritten Signature]
(Signature)

Sept 27, 1963
(Date)

TEXACO
INC.

PETROLEUM PRODUCTS



DRAWER 723

HOBBS, NEW MEXICO 88240

September 20, 1963

Tidewater Oil Company
P. O. Box 1231
Midland, Texas

Re: Convert TEXACO Inc. State of
New Mexico "BN" (NCT-1) Well
No. 1 to Salt Water Disposal
Well, Moore (Devonian) Field,
Lea County, New Mexico

Gentlemen:

TEXACO Inc. proposes to condition the subject well, located in the NW/4 of the SW/4 of Section 25, Township 11-S, Range 32-E, Lea County, New Mexico, for disposing salt water produced from the Moore (Devonian) Field into the non-oil-or-gas bearing Glorieta and Tubb formations.

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Yours very truly,

A handwritten signature in dark ink, appearing to read "W. B. Hubbard".

W. B. Hubbard
District Superintendent

WPY-bh
Attachments

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

(Name of Operator or Lessee)

A handwritten signature in dark ink, appearing to read "L. B. Case".

(Signature)

(Date)

TEXACO
INC. MAIN OFFICE 000

PETROLEUM PRODUCTS



1963 SEP 25 AM 8:28

DRAWER 728

HOBBS, NEW MEXICO 88240
September 20, 1963

L. C. Harris
Hinkle Building
Roswell, New Mexico

Re: Convert TEXACO Inc. State of
New Mexico "BN" (NCT-1) Well
No. 1 to Salt Water Disposal
Well, Moore (Devonian) Field,
Lea County, New Mexico

Gentlemen:

TEXACO Inc. proposes to condition the subject well, located in the NW/4 of the SW/4 of Section 25, Township 11-S, Range 32-E, Lea County, New Mexico, for disposing salt water produced from the Moore (Devonian) Field into the non-oil-or-gas bearing Glorieta and Tubb formations.

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Yours very truly,

A handwritten signature in dark ink, appearing to read "W. B. Hubbard", written over a horizontal line.

W. B. Hubbard
District Superintendent

WPY-bh
Attachments

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

L. C. Harris
(Name of Operator or Lessee)

[Signature]
(Signature)

9-23-63
(Date)

MAIN OFFICE OCC

TEXACO
INC.

PETROLEUM PRODUCTS

1963 SEP 24 AM 8:19



DRAWER 728

HOBBS, NEW MEXICO 88240

September 20, 1963

Sunray Mid-Continent Oil Co.
1101 Wilco Building
Midland, Texas

Re: Convert TEXACO Inc. State of
New Mexico "BN" (NCT-1) Well
No. 1 to Salt Water Disposal
Well, Moore (Devonian) Field,
Lea County, New Mexico

Gentlemen:

TEXACO Inc. proposes to condition the subject well, located in the NW/4 of the SW/4 of Section 25, Township 11-S, Range 32-E, Lea County, New Mexico, for disposing salt water produced from the Moore (Devonian) Field into the non-oil-or-gas bearing Glorieta and Tubb formations.

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Yours very truly,

W. B. Hubbard
District Superintendent

WPY-bh
Attachments

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

Sunray DX Oil Company

(Name of Operator or Lessee)

(Signature)

Division Engineer

September 23, 1963

(Date)

TEXACO MAIN OFFICE OCC
INC.

PETROLEUM PRODUCTS

1963 SEP 25 AM 8:30



DRAWER 728

HOBBS, NEW MEXICO 88240

September 20, 1963

Great Western Drilling Co.
P. O. Box 1659
Midland, Texas

Re: Convert TEXACO Inc. State of
New Mexico "BN" (NCT-1) Well
No. 1 to Salt Water Disposal
Well, Moore (Devonian) Field,
Lea County, New Mexico

Gentlemen:

TEXACO Inc. proposes to condition the subject well, located in the NW/4 of the SW/4 of Section 25, Township 11-S, Range 32-E, Lea County, New Mexico, for disposing salt water produced from the Moore (Devonian) Field into the non-oil-or-gas bearing Glorieta and Tubb formations.

Your signing the statement below will serve as waiver to this proposal. TEXACO Inc. shall greatly appreciate your signing the waiver and mailing one copy to each party concerned whose address is contained on each of the attached envelopes.

Yours very truly,

A handwritten signature in dark ink, appearing to read "W. B. Hubbard", written over a horizontal line.

W. B. Hubbard
District Superintendent

WPY-bh
Attachments

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

GREAT WESTERN DRILLING COMPANY
(Name of Operator or Lessee)

(Signature)

September 24, 1963
(Date)

TEXACO
INC.

PETROLEUM PRODUCTS



MAIN OFFICE OCC
1963 SEP 30 AM 8:17

DRAWER 728

HOBBS, NEW MEXICO 88240
September 20, 1963

McAlester Fuel Company
P. O. Box 1608
Midland, Texas

Re: Convert TEXACO Inc. State of
New Mexico "BN" (NCT-1) Well
No. 1 to Salt Water Disposal
Well, Moore (Devonian) Field,
Lea County, New Mexico

Gentlemen:

TEXACO Inc. proposes to condition the subject well, located in the NW/4 of the SW/4 of Section 25, Township 11-S, Range 32-E, Lea County, New Mexico, for disposing salt water produced from the Moore (Devonian) Field into the non-oil-or-gas bearing Glorieta and Tubb formations.

Your signing the statement below will serve as waiver to this proposal. TEXACO Inc. shall greatly appreciate your signing the waiver and mailing one copy to each party concerned whose address is contained on each of the attached envelopes.

Yours very truly,

W. B. Hubbard
District Superintendent

WPY-bh
Attachments

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

McAlester Fuel Company
(Name of Operator or Lessee)

John H. F. [Signature]
(Signature)

September 26, 1963
(Date)

MAIN OFFICE OCC

1963 SEP 24 AM 8:19

September 23, 1963

Re: Convert TEXACO, Inc. State of
New Mexico "BN" (NCT-1) Well
No. 1 to Salt Water Disposal
Well, Moore (Devonian) Field,
Lea County, New Mexico

TEXACO, Inc.
Drawer 728
Hobbs, New Mexico

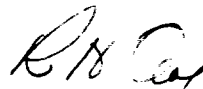
Attn: Mr. W. B. Hubbard

Gentlemen:

Attached is a waiver which has been approved as requested
on the subject well.

Very truly yours,

TIDEWATER OIL COMPANY



R. H. Coe, District
Production Manager

RHC:ge

Attachment

cc: Mr. M. E. Berg- Houston
cc: New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico
cc: State Engineer
State Capitol
Santa Fe, New Mexico

1963 SEP 26 AM 8:31

OIL CONSERVATION COMMISSION
MAIN OFFICE OCC

Box 900

1963 SEP 25 AM 8:31
SABBS, NEW MEXICO

Date Sept. 24, 1963

Oil Conservation Commission
Box 371
Santa Fe, New Mexico

SWD

Re: Proposed ~~XX~~ Application

Gentlemen:

I have examined the application dated 9/23/63

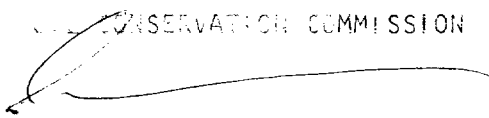
for the Texaco, Inc. State of New Mexico "BN" NCT-1 #1 25-11-32
Operator Lessee & Well No. S-T-F

and my recommendations are as follows:

O.K.---E.F.E.

O.K.---J.W.R.

Very truly,


OIL CONSERVATION COMMISSION



MAIN OFFICE 000

STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

October 2, 1963

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

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

Dear M . Porter:

Reference is made to the application of Texaco, Inc., which seeks to dispose of salt water by injection into a porous formation through a well located in Unit L, Section 25, Township 11 South, Range 32 East.

In view of the fact that injection will be through $3\frac{1}{2}$ inch plastic-coated tubing under a packer set at a depth of 4550 feet below the surface in the $5\frac{1}{2}$ inch casing, it appears 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.

Yours truly,

S. E. Reynolds
State Engineer

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

FEI/ma

cc-Texaco, Inc.