

SWD-7
1-72

to Santa Fe

THE TEXAS COMPANY

TEXACO PETROLEUM PRODUCTS



PRODUCING DEPARTMENT
WEST TEXAS DIVISION

P. O. Box 1270
Midland, Texas
December 17, 1957

APPLICATION TO DISPOSE OF SALT WATER
BY INJECTION INTO A POROUS FORMATION
NOT PRODUCTIVE OF GAS OR OIL

The Texas Company
State of New Mexico "BN" (NCT-1)
Well No. SWD-1
Located 1434' FSL & 897' FWL of
Section 25, T-11-S, R-32-E
Moore (Devonian) Pool
Lea County, New Mexico

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

Gentlemen:

Attached is The Texas Company's application to dispose of salt water produced in the Moore (Devonian) Pool, Lea County, New Mexico into the subject well by injection into a porous formation not productive of oil or gas. The proposed disposal zone is in the Dewey Lake formation of Permian Age. In lieu of waivers, we are requesting administrative approval following the expiration of the fifteen-day waiting period.

Copies of this application were sent by registered mail to all offset operators and to the New Mexico State Engineer on December 17, 1957.

Yours very truly,

THE TEXAS COMPANY

O. Cabaness
Asst. Dist. Supt.

JAS-BP
File
Attach:

P. O. Box 1270
Midland, Texas
December 16, 1957

**APPLICATION TO DISPOSE OF SALT WATER
BY INJECTION INTO A POROUS FORMATION
NOT PRODUCTIVE OF OIL OR GAS**

The Texas Company
State of New Mexico "BN" (NCT-1)
SWD Well No. 1
Moore (Devonian) Pool
Lea County, New Mexico

New Mexico State Land Office
Santa Fe, New Mexico
Attn: M. E. Morgan, Commissioner of Public Lands

Gentlemen:

In accordance with existing rules of The New Mexico Oil Conservation Commission, we are enclosing herewith a copy of our application to dispose of salt water produced in the Moore (Devonian) Pool, Lea County, New Mexico, into the subject well by injection into a porous formation not productive of oil or gas. The subject well is located 1434 feet from the south line and 897 feet from the west line of Section 25, T-11-S, R-32-E, Lea County, New Mexico. The proposed disposal zone is in the Dewey Lake formation of Permian Age. In lieu of waivers we are requesting Commission administrative approval following expiration of the fifteen-day waiting period.

Yours very truly,

THE TEXAS COMPANY


O. Cabaness
Asst. Dist. Supt.

JAS-BP
cc: New Mexico Oil Conservation Commission

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

APPLICATION
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION
NOT PRODUCTIVE OF OIL OR GAS

Pool Name Moore (Devonian) County Lea County, New Mexico

Operator The Texas Company

Address P. O. Box 1270, Midland, Texas

Lease Name St. of New Mexico "BN" (NCT-1) Well No. SWD-1

Depth to top of injection zone 1260'

Depth to base of injection zone 1440'

Size of surface casing 9-5/8 inch OD 32#

Length of surface casing Set @ 304'

Number of sacks of cement used on surface casing 200 sacks. Cement circulated.

Size of long string 7 inch OD 17# and 20#

Length of long string Set @ 1450'

Number of sacks of cement used on long string 1000 sacks. Cement circulated.

Size of tubing 3 inch OD EUE Length of tubing 1226'

Depth of tubing packer setting 1226'

Name and model of packer Sweet Hookwall

Is injection through tubing or long string or annulus? Through tubing

Is injection through perforations or open hole? Through perforations

Was the well drilled for salt water disposal purposes? Yes

List perforated intervals and number of sacks of cement used on any squeeze cementing operations 1260' to 1440'

What is depth of the shallowest zone productive of oil or gas in this pool? 9650'

What is depth of the deepest zone containing fresh water in this pool? 100'

Are there any other salt water disposal wells in this pool using this same zone for injection purposes? No If so, list operator, lease and well number _____

What is the approximate volume of salt water to be injected daily? 2000 barrels

Will system be open or closed type? Closed

Will injection be by gravity or pump pressure? Pump

If by pump pressure, give approximate number of pounds per square inch 800 psi

Will it be necessary for water to be filtered or chemically treated? Not anticipated.

Is this well so cased and completed that water can enter no other formation than the above setout injection zone? Yes

- 1. Attach a complete full-scale electrical log of this well. (one copy to OCC only.)
- 2. List Names and addresses of all offset operators and surface owners.

<u>Samedan Oil Corp.</u>	<u>Tidewater Oil Co.</u>	<u>McAlester Fuel Co. L. C.</u>	<u>Harris</u>
<u>Box 2137</u>	<u>P. O. Box 1231</u>	<u>Box 546</u>	<u>Box 6657</u>
<u>Hobbs, New Mexico</u>	<u>Midland, Texas</u>	<u>Midland, Texas</u>	<u>Roswell, N.M.</u>

<u>Sunray Mid-Continent Oil Co.</u>	<u>Great Western Drilling Co.</u>	<u>Sharples Oil Corp.</u>
<u>201 Midland Nat'l Bank Bldg.</u>	<u>Box 1659</u>	<u>Box 162</u>
<u>Midland, Texas</u>	<u>Midland, Texas</u>	<u>Midland, Texas</u>

- 3. Have notices of this application been sent by registered mail or given to all offset operators and to the New Mexico State Engineer? Yes
- 4. Attach waivers from all offset operators and New Mexico State Engineer.
- 5. Attach waivers from surface owners of land on which well is located or a letter from company making application to the surface owner explaining said application and requesting waiver.
- 6. No application will be processed until Item 1 has been attached to the application. Should all necessary waivers not accompany application, the Commission shall hold such application for a period of fifteen (15) days from date of receipt in the Santa Fe Office. If, after said fifteen (15) day period, no protest or request for hearing is received in the Santa Fe Office, the application will then be processed.

The Texas Company
 Operator

 By O. Cabaness

THE STATE OF Texas
 COUNTY OF Midland

BEFORE ME, The undersigned authority, on this day personally appeared O. Cabaness 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 16 day of December, 19 57.


 Notary Public in and for Midland
 County, Texas

Offset Operators and Surface Owners (Con't)

A. C. Holder	New Mexico State Land Office
Box 96	Santa Fe, New Mexico
Lovington, New Mexico	Attn: M. E. Morgan, Commissioner of Public Lands



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

ADDRESS CORRESPONDENCE TO
P. O. BOX 1079
SANTA FE, N. M.

December 23, 1957

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

Attn. Mr. Daniel S. Nutter

Gentlemen:

I have this day reviewed copy of the Texas Company's application to dispose of salt water by injection into the Dewey Lake formation, at a depth between 1260 feet and 1440 feet. This office has no objection to disposal of salt water under this application into the Dewey Lake formation.

It is my understanding, from telephone conversation with Mr. Nutter this morning, that this order will be numbered SWD No. 7, which designation I have placed on my copy of the application.

Yours truly,

S. E. Reynolds
State Engineer

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

FEI/ma
cc-The Texas Company