

Champlin Oil & Refining Co.

P. O. BOX 1449  
MIDLAND, TEXAS

March 4, 1957

SUD-2

*Handwritten:* 3/21/57

*Handwritten:* 3/13/57

New Mexico  
Oil Conservation Commission  
Santa Fe, New Mexico

Gentlemen:

Please find attached O.C.C. form entitled "Application to Dispose of Salt Water by Injection into a Porous Formation Not Productive of oil or gas", together with the following:

1. Full scale electrical log.
2. Signed waivers from offset operator.
3. Signed waiver from surface owner.

In order to dispose of salt water produced from our two Featherstone Federal wells located in the Baum-Wolfcamp Field, Section 6, T-14-S, R-33-E, Lea County, we intend to re-enter and test for disposal purposes a dry and abandoned well being the Joe N. Champlin No. 1 Featherstone State "A", located 330 feet from North line and 1568 feet from West line of Section 7, T-14-S, R-33-E, Lea County. We propose to set a cement plug at a depth of 4700 to 4750 feet and inject water into the San Andres formation from 4060 to 4690 feet.

Yours truly,

CHAMPLIN OIL & REFINING CO.

*Handwritten signature:* John G. Cameron  
John G. Cameron  
Production Superintendent

JGC:jhr  
cc: State Engineering Office  
Box 1079  
Santa Fe, New Mexico

Tide Water Associated Oil Co.  
P. O. Box 972  
Roswell, New Mexico

Mr. Junious Tulk  
P. O. Box 676  
Lovington, New Mexico

Mr. George Staples  
Champlin Oil & Refining Co.  
Fort Worth, Texas

SWD-2

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 Baum-Wolfcamp County Lea

Operator Champlin Oil & Refining Co.

Address P. O. Box 11119, Midland, Texas

Lease Name Featherstone State "A" Well No. 1

Depth to top of injection zone 4060 feet

Depth to base of injection zone 4690 feet *TD. 10075'*

Size of surface casing 13-3/8" 48# *PB 4000'*

Length of surface casing 373 365 @ 363

Number of sacks of cement used on surface casing 400 *400* *Circ to Surf.*

Size of long string 8-5/8" O.D. 32#

Length of long string 4060 feet

Number of sacks of cement used on long string 2,000 SA. *Did not circ. Temp Survey type 150'*

Size of tubing Will be 2-1/2" EUE Length of tubing Will be 4020'

Depth of tubing packer setting When Completed 4025'

Name and model of packer Will be Guiberson Hookwall KV-30

Is injection through tubing or long string or annulus? When completed thru tubing

Is injection through perforations or open hole? Open hole

Was the well drilled for salt water disposal purposes? No

List perforated intervals and number of sacks of cement used on any squeeze cementing operations None

What is depth of the shallowest zone productive of oil or gas in this Pool 9800' Wolfcamp

What is depth of the deepest zone containing fresh water in this Pool? 450 feet

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

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What is the approximate volum of salt water to be injected daily? 250 Bbls./Day

Will system be open or closed type? Closed

Will injection be by gravity or pump pressure? Gravity and/or Pump Pressure

If by pump pressure, give approximate number of pounds per square inch 500 P.S.I.

Will it be necessary for water to be filtered or chemically treated? Filtered

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.

Tidewater Associated Oil Company, Box 972, Roswell, New Mexico

Junious Tulk, Box 676, Lovington, New Mexico

3. Have notices of this application been sent by registered mail or given to all offset operators, surface owners and to the N. M. State Engineer? Yes
4. Attach waivers from all offset operators.
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.

CHAMPLIN OIL & REFINING CO.

Operator

By John G. Cameron  
JOHN G. CAMERON

THE STATE OF Texas

COUNTY OF Midland

BEFORE ME, The undersigned authority, on this day personally appeared John G. Cameron 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 February 19 57.

Mildred Leist (Mildred Leist)  
Notary Public in and for Midland  
County, Texas

*Champlin Oil & Refining Co.*

P. O. BOX 1449  
MIDLAND, TEXAS

February 14, 1957

Re: Lea County, New Mexico  
SW Lazy "J" Area

Mr. Junious Tulk  
P. O. Box 676  
Lovington, New Mexico

Dear Sir:

Please be advised due to our two Featherstone Federal wells located in Section 6, T-14-S, R-33-E, Lea County, New Mexico, producing a great amount of salt water, it is our intentions to use an old dry hole being the Joe N. Champlin No. 1 Featherstone State "A", located 330' FWL & 1568' FWL of Section 7, T-14-S, R-33-E, as a salt water disposal well. We propose to inject salt water in the San Andres formation being approximately from 4060' to 4700'.

Before permission can be granted by the New Mexico Oil Conservation Commission for the above purposes, it necessitates our obtaining permission from you and from our offset operator who is Tide Water Associated Oil Company.

If the above meets with your approval and you have no objections, would you please indicate same by signing in the space provided below, and returning three copies of this letter at your earliest convenience.

Yours very truly,

CHAMPLIN OIL & REFINING CO.



B. L. House  
District Landman

ELH:bn  
Encls:

Junious Tulk

Chamberlain & Associates

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MIDLAND, TEXAS

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*Champlin Oil & Refining Co.*

P. O. BOX 1449  
MIDLAND, TEXAS

February 14, 1957

Re: Lea County, New Mexico  
"Lazy J" Area

Tide Water Associated Oil Company  
P. O. Box 972  
Roswell, New Mexico

Attention: Mr. Clayton Powless

Gentlemen:

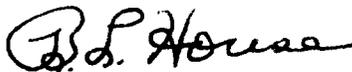
Please be advised due to our two Featherstone Federal wells located in Section 6, T-14-S, R-33-E, Lea County, New Mexico, producing a great amount of salt water, it is our intentions to use an old dry hole being the Joe N. Champlin No. 1 Featherstone State "A", located 330' FWL & 1568' FWL of Section 7, T-14-S, R-33-E, as a salt water disposal well. We propose to inject salt water in the San Andres formation being approximately from 4060' to 4700'.

Before permission can be granted by the New Mexico Oil Conservation Commission for the above purposes, it necessitates our obtaining permission from you and from the land owner who is Mr. Junious Tulk.

If the above meets with your approval and you have no objections, would you please indicate same by signing in the space provided below, and returning three copies of this letter at your earliest convenience.

Yours very truly,

CHAMPLIN OIL & REFINING CO.



B. L. House  
District Landman

ELH:bx  
Encls:

TIDEWATER OIL COMPANY  
~~Tide Water Associated Oil Company~~

By: J. C. Sweeney

