

OCC 8-28-61
Hester

Chas. A. Deane Co.
1234567890
OFFICE

29

57
of
for
all

New Mexico
Oil Conservation Commission
Santa Fe, New Mexico

Continued

In reference to our application dated March 1, 1957, concerning our proposed oil storage tank and oil storage well, located on the Oil & Natural Gas Co. No. 1. The tank is 100 feet high and 100 feet in diameter. The well is 100 feet deep and 100 feet in diameter. We are submitting a revised application wherein we intend to increase the tank diameter to 120 feet and test the tank for leakage.

Please find attached the following items:

1. Letter to the Engineering Department of the State of New Mexico.
2. Letter to the State of New Mexico.
3. Letter to the State of New Mexico.
4. Letter to the State of New Mexico.
5. Letter to the State of New Mexico.

Very truly yours,
Chas. A. Deane Co.
Santa Fe, New Mexico

Champion Oil & Refining Co.

P. O. BOX 1444
MIDLAND TEXAS

April 22, 1927

New Mexico
Oil Conservation Commission
Santa Fe, New Mexico

Gentlemen:

In reference to our application dated March 11, 1927, concerning our entering for disposal purposes a dry and abandoned well, being Champion Oil & Refining Co. and was a Champion No. 1 Production State "A", please be advised we were unsuccessful in injecting salt water into the San Andres formation. Therefore, we are submitting a second application whereby we intend to perforate the lower layer interval 1200-1600 feet and test for disposal purposes.

Please find attached the following forms:

1. Letter from our Geological Department wherein they differentiate the lower layer sand from the Santa Rosa sand.
2. Application to Bureau of Salt Water by injection into a porous formation not productive of oil or gas.
3. Full scale Electrical log.
4. Letter of Notice to oilfield operator.
5. Letter of Notice to surface owner.

Yours very truly,

CHAMPION OIL & REFINING CO.

John G. Cameron
Production Superintendent

Mr. J. H. ...
State Engineering Office
Box 1079, Santa Fe, N.M.

The Water Associated Oil Co.
Box 275, Roswell, N.M.

Mr. J. H. ...
Box 275, Roswell, N.M.

Mr. George ...
Champion, Fort Worth, Texas

Champion Oil & Refining Co.

P. O. BOX 100
MIDLAND, TEXAS

April 19, 1957

New Mexico
Oil Conservation Commission
Santa Fe, New Mexico

Gentlemen:

We understand the difficulties in assigning proper names to the Pre-Bastler Gusher section of the Permian, particularly in the differentiation of the Spentwash Gusher, the Doney Lake sand, from the Santa Rosa sand, which is sometimes basal Triassic in area. We are quite certain however of the correlations by which we assign the interval 1560-1580' as Doney Lake in the Joe H. Columbia St. & Featherstone State. The section from 1570-1510' is also believed to be Doney Lake as we recognize some Reservoir, a basal Triassic shale member, in this area. We believe some sands in the 1580-1560' interval to be equivalent to the Santa Rosa.

Yours truly,

CHAMPION OIL & REFINING CO.

Jack H. Hines
District Manager

JHml

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 1449, Midland, Texas
Lease Name Featherstone State "A" Well No. 1
Depth to top of injection zone 1560
Depth to base of injection zone 1620
Size of surface casing 13-3/8"
Length of surface casing 373
Number of sacks of cement used on surface casing 400
Size of long string 8-5/8
Length of long string 4060'
Number of sacks of cement used on long string 2000
Size of tubing Will be 2-1/2" EUE Length of tubing Will be 1560'
Depth of tubing packer setting 1525
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? Perforations
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

What is the approximate volume 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? Pump
If by pump pressure, give approximate number of pounds per square inch 500# - 750#
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, P.O. 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

John G. Cameron
By 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
19 57.

John G. Cameron
19th day of April
Joyce H. Richards (Joyce H. Richards)
Notary Public in and for Midland
County, Texas