

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 North Gladiola Devonian County Lea
Operator Ralph Lowe
Address Box 832, Midland, Texas
Lease Name Markham State Well No. 2
Depth to top of injection zone 5170
Depth to base of injection zone 5270
Size of surface casing 13 3/8
Length of Surface Casing 356'
Number of sacks of cement used on surface casing 425
Size of long string 8 5/8" *Long string is 5 1/2"*
Length of long string 4440 *" " " 5 1/2" @ 12,062'*
Number of sacks of cement used on long string 2100
Size of tubing None Length of tubing None
Depth of tubing packer setting None
Name and model of packer None
Is injection through tubing or long string or annulus? Long string 8 5/8" *Long string is 5 1/2"*
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 9570 (950 cement) 12,051-12061, (100 sx. at 12,020) 12,051-12053, 12044, (100 sx. plug @ 12,009) 12,052, 9595-9613 (50 sx. from 9530-9532) 9595-9613*
What is depth of the shallowest zone productive of oil or gas in this Pool 11934
What is depth of the deepest zone containing fresh water in this Pool? 300
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? Unknown
Will system be open or closed type? Open
Will injection be by gravity or pump pressure? Both
If by pump pressure, give approximate number of pounds per square inch Unknown
Will it be necessary for water to be filtered or chemically treated? No
Is this well so cased and completed that water can enter no other formation than the above setout injection zone? Yes

* other perforations-9522-9531 (Set 15 sx. from 9532-9412) 5170-5270

1. Attach a complete full-scale electrical log of this well (one copy to OGC only).

List names and addresses of all offset operators and surface owners.

H. H. Harris- Tatum, New Mexico

Jack Markham- Great Plains Life Bldg., Lubbock, Texas

Colorado Oil & Gas- Denver Club Bldg., Denver, Colorado

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.

Ralph Lowe
Operator

W.A. Taylor
By

THE STATE OF Texas

COUNTY OF Midland

BEFORE ME, The undersigned authority, on this day personally appeared W.A. TAYLOR 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.

Jim Watson
SUBSCRIBED AND SWORN TO before me, this the 30th day of December, 1957.

Notary Public in and for Midland
County, Texas