

OCC
Hobbs

SWO-3
issue 3/12/57

HOBBS OFFICE OCC
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 County Lee
Operator Ralph Lowe (Drilled by Pure Oil Company)
Address Box 832, Midland, Texas
Lease Name M. J. Wallace Well No. 2
Depth to top of injection zone 1898
Depth to base of injection zone 2067
Size of surface casing 11 3/4 in.
Length of Surface Casing 3562 356
Number of sacks of cement used on surface casing 500 ex. Portland Cement
Size of long string 8 5/8" TD 12172
Length of long string 4602 PB 4552
Number of sacks of cement used on long string 2300 ex. Portland 65 200 ex. neat.
Size of tubing None Length of tubing --
Depth of tubing packer setting None
Name and model of packer None
Is injection through tubing or long string or annulus? longstring (8 5/8)
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 (2067-2042) (2034-2014) (1981-1961) (1953-1948) (1918-1898) 5 per. ft. Density
What is depth of the shallowest zone productive of oil or gas in this Pool 11934 172
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? 275 bbls.
Will system be open or closed type? Closed
Will injection be by gravity or pump pressure? Both
If by pump pressure, give approximate number of pounds per square inch 200-300 lbs.
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

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

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

<u>Pure Oil Company-Nowell, W. L.</u>	<u>Mary I. Leach Box 657, Lovington</u>
<u>Lincoln Oil & Gas</u>	<u>Zack Taylor Gladola, Texas</u>
<u>Smith & Co. Corp.</u>	<u>D. C. Wallace 522 So. Love, Lovington</u>
<u>Warren Pet. Corp.</u>	<u>C. C. Wallace 205 S. "I" St. Lovington</u>
<u>Virgil V. Wallace-562, Lovington</u>	<u>Fred C. Wallace Rt. 10, Box 337, Okla. City</u>

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

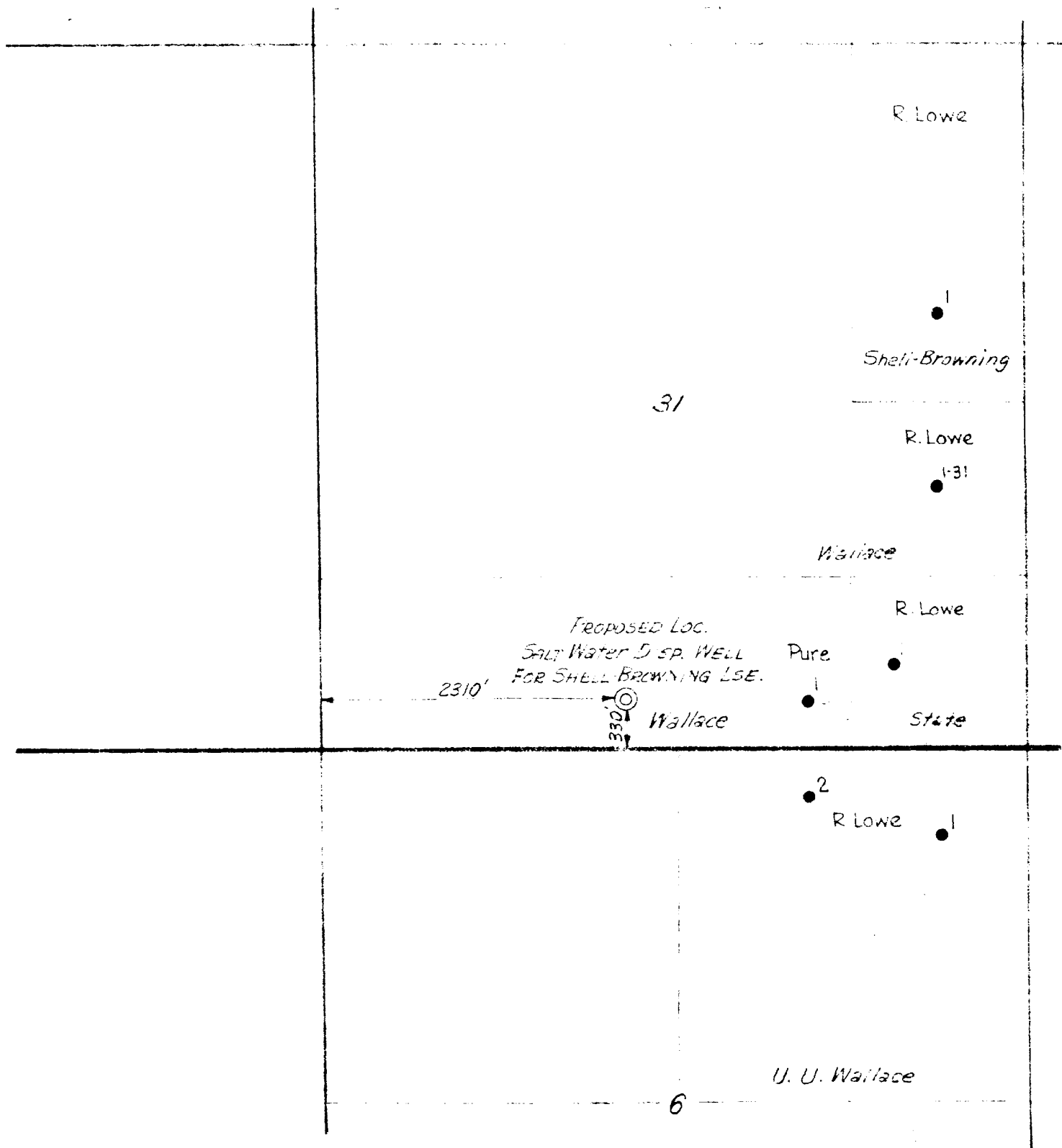
THE STATE OF Texas

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.

SUBSCRIBED AND SWORN TO before me, this the 19th day of Feb., 1957 1957.

Notary Public in and for Midland
County, Texas



PLAT SHOWING PROPOSED LOCATION OF
SALT WATER DISPOSAL WELL
SEC. 31, T. 11 S., R. 38 E., ~ LEA CO. N.M.

DATE: 2-21-57 SCALE: 1"=1000'