

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

SWD-3

mail 3/17/57

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

POOL Name North Gladiola County Lea

Operator Ralph Lowe (Drilled by Waco Oil Company)

Address Box 832, Midland, Texas

Lease Name H. 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 cas.

Length of Surface Casing 3561 356

Number of sacks of cement used on surface casing 500 sz. Portland Cement Surf Returns OK ✓

Size of long string 8 5/8"

Length of long string 4602

Number of sacks of cement used on long string 2300 sz. Portland 65 200 sz. neat. Surf Returns OK ✓

Size of tubing None Length of tubing -- TD 12172'
RB 4552'

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) (1953-1940) (1918-1898) 6 per. ft. Jewey
LRK

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? 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.

| | |
|----------------------------------|---|
| Pure Oil Company-Roswell, L. I. | Warr I. Deane Box 557, Lovington |
| Sinclair Oil & Gas | Zack Taylor Gladole, Texas |
| Gulf Oil Corp. | D. D. Wallace 522 No. Love, Lovington |
| Warren Pet. Corp. | C. C. Wallace 205 W. "P" St. Lovington |
| Virgil V. Wallace-562, Lovington | Fred C. Wallace Rt. 10, Box 337, Okla. City |

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 Love
Operator

W. D. Taylor
By

THE STATE OF Texas

COUNTY OF Midland

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

Notary Public in and for Midland
County, Texas



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

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

S. E. REYNOLDS
STATE ENGINEER

November 4, 1957

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

Attn. Mr. Daniel S. Nutter

Gentlemen:

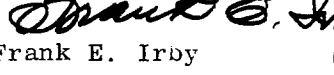
We have made a careful search of our files here and in the Roswell Office and are unable to find any application of Ralph Lowe, submitted to the Oil Conservation Service, for the disposal of salt water into a porous zone, between depths 1898 feet and 2067 feet, which was received by the Oil Conservation Commission on or subsequent to February 19, 1957.

We have no objection to disposal of salt water into the Dewey Lake formation, which this appears to be. It is possible that one of the staff may have informed your office that we would not object to the granting of this application, but there is nothing in our records to so indicate.

We now have in our files a photostatic copy of the application on file in your office (SWD 3), which as near as I can tell completes our file on this application.

Yours truly,

S. E. Reynolds
State Engineer

By: 
Frank E. Irby
Chief
Water Rights Division

FEI/ma
cc-Gene Chavez
Ralph Lowe

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

Date March 20, 1957

issued 3/12/57

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

Re: SWD 3
Proposed ~~NSP~~
Proposed NSL

Gentlemen:

I have examined the application dated _____
for the Ralph Lowe M. J. Wallace #2 31-11-38
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

O.K.--E.J.F.

O.K.--J.W.R.

Yours very truly,

OIL CONSERVATION COMMISSION

E. J. Fisher
Engineer

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

March 13, 1957

C
O
P
Y

Mr. Ralph Lowe
P. O. Box 832
Midland, Texas

Dear Mr. Lowe:

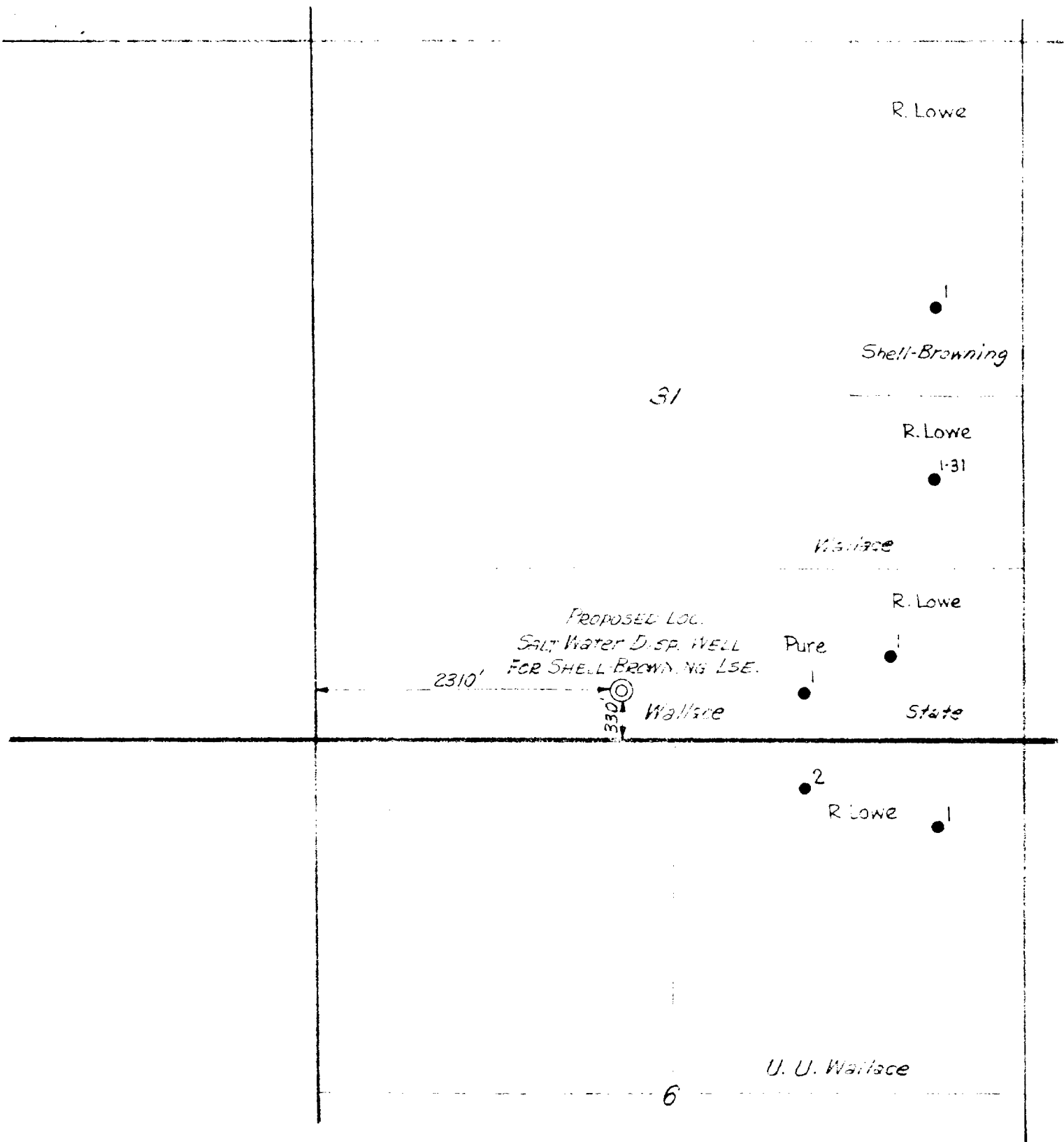
Enclosed please find Salt Water Disposal Order No. 3,
for your M. J. Wallace Well No. 2, located in the SE/4 SW/4 of
Section 31, Township 11 South, Range 38 East, NMPM, Lea County, New
Mexico, disposal into the Dewey Lake formation.

Very truly yours,

A. L. PORTER, Jr.,
Secretary - Director

WWM/ga

Enclosure



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'