

Received 7-27-61

Case 2369

Revised 9/16/58

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

PR-3

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

Operator Sunray Mid-Continent Oil Company Address P. O. Box 128 Hobbs, New Mexico

Lease N. M. State "0" Well No. 3 County Eddy

Unit 0 Section 12 Township 19S Range 28E

This is an application to dispose of salt water produced from the following pool(s):

East Millman Queen-Grayburg

Name of Injection Formation(s): Rustler Anhydrite and Top of Yates

Top of injection zone: 386 Bottom of injection zone: 884'

Give operator, lease, well no., and location of any other well in this area using this same

zone for disposal purposes: None

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface	8 5/8"	386'	300	Surface
Intermediate	None			
Long String	5 1/2"	2231'	275	884'

Will injection be through tubing, casing, or annulus? Casing Annulus 8 5/8" & 5 1/2"

Size tubing: - Setting depth: - Packer set at: -

Name and Model No. of packer: -

Will injection be through perforations or open hole? Annulus between surface and production casing

Proposed interval(s) of injection: 386' - 884'

Well was originally drilled for what purpose? Oil well

Has well ever been perforated in any zone other than the proposed injection zone? Yes

List all such perforated intervals and sacks of cement used to seal off or squeeze each:

This well is presently producing from perforations 1763' to 2178'

Give depth of bottom of next higher zone which produces oil or gas: None

Give depth of top of next lower zone which produces oil or gas: 1763 *

Give depth of bottom of deepest fresh water zone in area: No fresh water in this well **

Expected volume of salt water to be injected daily (barrels): 6 B WPD

Will injection be by gravity or pump pressure? gravity Estimated pressure: -

Is system open or close type? closed Is filtration or chemical treatment necessary? No

** This well was drilled with cable tools and no fresh water entered the hole while drilling.

Did obtain 1 1/2 bbls/hr salt water at top of salt @ 365'. There is a fresh water windmill 1000' south which produces from above salt section.

* 1258' is the top of the next lower producing zone in the John A. Yates Campbell Gwalthey #1 approx 2700' ESE of the subject well. There was no show in our well above 1763' (drld w/cable tool)

Is the water to be disposed of mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? Yes

Is any water occurring naturally within the proposed disposal formation mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? No

List all offset operators to the lease on which this well is located and their mailing address

Ralph Lowe P. O. Box 832 Midland, Texas
John A. Yates Carper Bldg., Artesia, New Mexico
Continent^{al} Oil Company Rowley Bldg., Artesia, New Mexico
Nix and Curtis 302 Booker Bldg. Artesia, New Mexico
Gulf Oil Corporation P. O. Box 2167 Hobbs, New Mexico

Name and address of surface owner State of New Mexico

Have copies of this application been sent by registered mail or given to all offset operators, surface owners, and to the New Mexico State Engineer? Yes

Is a complete electrical log of this well attached? Yes

Operator: SUNRAY MID-CONTINENT OIL COMPANY

By: *R. E. Statton*
R. E. Statton

Title: District Engineer

STATE OF New Mexico)
) ss.
County of Lea)

BEFORE ME, The undersigned authority, on this day personally appeared R. E. Statton 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 26th day of July, 19 61.

Dorothy B. Brock
Notary Public in and for the County of Lea

MY COMMISSION EXPIRES MAY 27, 1964

My Commission Expires

NOTE: Should waivers from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said fifteen-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.