

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSIONAPPLICATION
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION
NOT PRODUCTIVE OF OIL OR GASOperator The Pure Oil Company Address P. O. Box 1777 - Hobbs, New MexicoLease State-Lea "I" Well No. 1-36 County LeaUnit M Section 36 Township 18S Range 35E

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

South Vacuum DevonianName of Injection Formation(s): DelawareTop of injection zone: 5800' Bottom of injection zone: 7030'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 | <u>11-3/4"</u> | <u>455'</u> | <u>475</u> | <u>Surface</u> |
| Intermediate | <u>8-5/8"</u> | <u>3801'</u> | <u>1235</u> | <u>Surface</u> |
| Long String | | | | |

Will injection be through tubing, casing, or annulus? Plastic-coated tubingSize tubing: 3" Setting depth: 5830 Packer set at: 5800Name and Model No. of packer: Lynes 5-5/8" AF 66 Production Injection PackerWill injection be through perforations or open hole? Open HoleProposed interval(s) of injection: 5800'-7030' from bottom of packer to top cement plugWell was originally drilled for what purpose? Oil Well (Completed as dry hole)Has well ever been perforated in any zone other than the proposed injection zone? No

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

NoneGive depth of bottom of next higher zone which produces oil or gas: None in this wellGive depth of top of next lower zone which produces oil or gas: None in this wellGive depth of bottom of deepest fresh water zone in area: 350' (Estimated)Expected volume of salt water to be injected daily (barrels): 1100 (Initially)Will injection be by gravity or pump pressure? Pressure Estimated pressure: 500 psiIs system open or close type? Closed Is filtration or chemical treatment necessary? No

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? Yes

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

- Atlantic Refining Company - P. O. Box 6640 - Roswell, New Mexico
- Cities Service Petroleum Company - P. O. Box 868 - Roswell, New Mexico
- Shell Oil Company - P. O. Box 1858 - Roswell, New Mexico
- Union Oil Company of California - 619 West Texas - Midland, Texas
- Sinclair Oil & Gas Company - P. O. Box 1470 - Midland, Texas

Name and address of surface owner W. M. Snyder, Box 726 - Lovington, 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? Previously Filed

Operator: The Pure Oil Company

By: *R. L. Clemens*
R. L. Clemens

Title: Petroleum Engineer

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

BEFORE ME, The undersigned authority, on this day personally appeared R. L. Clemens 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 3 day of April, 19 62.

Galen A. Delany
Notary Public in and for the County of Lea

My Commission Expires October 20, 1963
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.