

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

Revised 9 16 58

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

Operator THE OHIO OIL COMPANY Address P.O. Box 2107, Hobbs, New Mexico  
Lease State B 4286 "A" Well No. 2 County Lea  
Unit 1 Section 2 Township 17-S Range 36-E

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

Lovington Abo; Lovington San Andres

Name of Injection Formation(s): Lower San Andres

Top of injection zone: 5725' Bottom of injection zone: 5968'  
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>13-3/8"</u>	<u>349'</u>	<u>450 sx.</u>	<u>Circ. to surface</u>
Intermediate	<u>9-5/8"</u>	<u>3318'</u>	<u>1750 sx.</u>	<u>" " "</u>
Long String	<u>5-1/2"</u>	<u>8528'</u>	<u>1400 sx.</u>	<u>4280' (See attach.)</u>

Will injection be through tubing, casing, or annulus? Tubing

Size tubing: 2-7/8" O.D. Setting depth: 5500' Packer set at: 5500'

Name and Model No. of packer: Baker Model "D" cast iron retainer type

Will injection be through perforations or open hole? perforations

Proposed interval(s) of injection: 5725' - 5810' & 5845' - 5968'

Well was originally drilled for what purpose? Lovington Abo production

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:  
Abo 8378'-8443' & 8446'-8480' - Set C.I. bridge plug at 6320' & dumped 1 sx. cement on same.  
Paddock 6186'-94' & 6202'-65' - 10 sx. plug 6115' to 6205' w/C.I. bridge plug at 6000' with  
10' cement on top of same.

Give depth of bottom of next higher zone which produces oil or gas: 5147'

Give depth of top of next lower zone which produces oil or gas: 6100'

Give depth of bottom of deepest fresh water zone in area: 200'

Expected volume of salt water to be injected daily (barrels): 600

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

Is 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

Pan American Pet. Corp., P.O. Box 68, Hobbs, New Mexico

Phillips Petroleum Co., P.O. Box 2105, Hobbs, New Mexico

Magnolia Petroleum Co., P.O. Box 2406, Hobbs, New Mexico

Skelly Oil Co., P.O. Box 38, Hobbs, New Mexico

Lee Drilling Co., P.O. Box 1109, Midland, Texas

Humble Oil & Refining Co., P.O. Box 2347, Hobbs, New Mexico

Cities Service Oil Co., P.O. Box 97, Hobbs, New Mexico

Amerada Petroleum Corp., P.O. Drawer D, Monument, New Mexico

Shell Oil Company, P.O. Box 845, Roswell, New Mexico

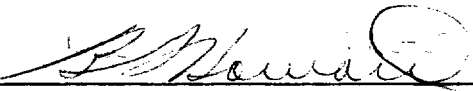
Name and address of surface owner State Land

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

DISTRIBUTION: ●  
NMOCC(3)  
State Engineer (1)  
Offset Operators  
Mr. C. S. Mills  
Mr. J. A. Grimes  
Mr. L. H. Shearer  
Mr. D. V. Kitley  
Mr. T. A. Steele  
Mr. T. O. Webb  
Mr. R. E. Feather

Operator: THE OHIO OIL COMPANY

By: 

Title: Superintendent

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

BEFORE ME, The undersigned authority, on this day personally appeared B. G. Howard 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 2 day of September, 19 59.

Notary Public in and for the County of Lea

My Commission Expires January 28, 1963

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.