

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

1959 MAR 9 AM 7:23  
APPLICATION

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

Operator The Texas Company Address Box 352, Midland, Texas  
Lease St. of N.M. "BN" (NOT-1) Well No. 1 County Leon  
Unit L Section 25 Township 11-S Range 32-E

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

Name of Injection Formation(s): San Andres; Glorieta; Upper Clearfork; Tubb; Lower Clearfork; Abc (Top Out. behind)  
Top of injection zone: 3529' (Int. Cag. Seat) Bottom of injection zone: 7430' (Long String)  
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	13-3/8" OD	346'	350	Circulated
Intermediate	8-5/8" OD	3529'	2000	Circulated
Long String	5-1/2" OD	10,232'	150	7430'

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

Size tubing: None Setting depth: - Packer set at: None

Name and Model No. of packer: -

Will injection be through perforations or open hole? Open Hole

Proposed interval(s) of injection: 3529' to 7430'

Well was originally drilled for what purpose? Oil production. Well is currently producing from the Pennsylvanian from 9654' to 9710'

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:  
10,070' - 10,150', non-productive. Bridge plug set @ 10,000' with 5' Calseal on top.  
9,654' - 9,710', present productive zone.

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: 6150'

Give depth of bottom of deepest fresh water zone in area: Estimated at 300'

Expected volume of salt water to be injected daily (barrels): 3400

Will injection be by gravity or pump pressure? Pump Estimated pressure: 200 psi.

Is system open or close type? Closed Is filtration or chemical treatment necessary? Not anticipated

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

<u>Smedan Oil Corporation</u> <u>Box 2137</u> <u>Hobbs, New Mexico</u>	<u>Tidewater Oil Co.</u> <u>Box 1231</u> <u>Midland, Texas</u>	<u>Charles Caple</u> <u>3089 Foothills Ave.</u> <u>Los Angeles 39, California</u>
<u>Swaray Mid-Continent Oil Co.</u> <u>1108 Wilco Building</u> <u>Midland, Texas</u>	<u>Great Western Drilling Co.</u> <u>Box 1659</u> <u>Midland, Texas</u>	<u>L. C. Harris</u> <u>Box 6657</u> <u>Roswell, New Mexico</u>
	<u>Mrs. J. H. Moore</u> <u>Caprock, New Mexico</u>	<u>Sharples Oil Corp.</u> <u>Box 162</u> <u>Midland, Texas</u>
Name and address of surface owner	<u>State of New Mexico - Grazing Lease</u> <u>Mrs. J. H. Moore, Caprock, New Mexico</u>	

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: The Texas Company

By: J. G. Blevins, Jr.

Title: Asst. Dist. Supt.

STATE OF Texas )  
 ) ss.  
County of Midland )

BEFORE ME, The undersigned authority, on this day personally appeared J. G. Blevins, Jr. 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 6 day of March, 19 59.

W. E. Brozen W. E. BROZEN  
Notary Public in and for the County of Midland, Texas

6-1-59  
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.