

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

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

Operator Continental Oil Company Address Box 1377, Roswell, New Mexico

Lease SDG Brinkard Well No.      County Lea

Unit 0 Section 25 Township 20S Range 37E

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

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Name of Injection Formation(s) San Andres

Top of injection zone: 4547' Bottom of injection zone: 4700'

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

zone for disposal purposes Wice Engineering, 100 salt water disposal system

well 1-20, Unit 1, Sec. 20-20-37

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface	13 5/8"	313	250	Circ.
Intermediate	9 5/8"	560	425	2500'
Long String	7"	7657	600	3436

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

Size tubing: 2 1/2" Setting depth: 4500' Packer set at: 4500'

Name and Model No. of packer: Water Model "A" Tension Packer

Will injection be through perforations or open hole? Perforations

Proposed interval(s) of injection: 4547-55, 4550-68, 4615-22, 4627-32, 4650-68, 4671-76, 4677-4700

Well was originally drilled for what purpose? Oil 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:

6700-6837 SP @ 6570 w/1 sx cement; 6845-6910 SP @ 6000 w/1 sx., 6945-6972 Proposed SP @ 5300 w/1 sx. cat.

Give depth of bottom of next higher zone which produces oil or gas: 5701 (use of green)

Give depth of top of next lower zone which produces oil or gas: 6000 (Brinkard)

Give depth of bottom of deepest fresh water zone in area: 275 ft.

Expected volume of salt water to be injected daily (barrels): 1500

Will injection be by gravity or pump pressure? Gravity Estimated pressure: 0

Is system open or close type? Open 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

well is offset in all directions by Continental acreage. The nearest acreage operated  
by another operator is the Pan American Gilly "B" Lease in Section 22 approximately  
3/4 mile west.

Name and address of surface owner W. H. "Gilly" Walker, 120 S. Grimes, Hobbs, 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: Continental Oil Company

By: W. A. Mead

Title: Division Superintendent

STATE OF New Mexico )  
County of Chaves ) ss.

BEFORE ME, The undersigned authority, on this day personally appeared Wm. A. Mead 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 19<sup>th</sup> day of April, 1963.

Louis B. Houston  
Notary Public in and for the County of Chaves

May 25, 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.