

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 P. O. Box 67, Artesia, New Mexico

Lease Anderson Ranch Unit W Well No. 9 County Lea

Unit D Section 12 Township 16-S Range 32-E

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

Anderson Ranch (Wolfcamp) - Anderson Ranch (Devonian)

Name of Injection Formation(s): San Andres

Top of injection zone: 4180' Bottom of injection zone: 5500'

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" O.D.</u>	<u>613'</u>	<u>500</u>	<u>Circulated</u>
Intermediate	<u>9 5/8" O.D.</u>	<u>4180'</u>	<u>3880</u>	<u>Circulated</u>
Long String				

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

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

Name and Model No. of packer: -----

Will injection be through perforations or open hole? Open Hole

Proposed interval(s) of injection: 4180' - 5500'

Well was originally drilled for what purpose? Oil

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:

None

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: 9600'

Give depth of bottom of deepest fresh water zone in area: 340'

Expected volume of salt water to be injected daily (barrels): 980 bbls

Will injection be by gravity or pump pressure? Gravity Estimated pressure: None

Is system open or close type? Closed Is filtration or chemical treatment necessary? Yes

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

- ~~Sinclair Oil and Gas Co., P. O. Box 1470, Midland, Texas~~
- ~~Magnolia Petroleum Co., P. O. Box 2406, Hobbs, New Mexico~~
- ~~Pan-American Petroleum Corp., Petroleum Bldg., Roswell, New Mexico~~
- ~~Humble Oil and Refining Co., P. O. Box 1600, Midland, Texas~~
- ~~Shell Oil Company, P. O. Box 845, Roswell, New Mexico~~
- ~~Gulf Oil Corp., Petroleum Bldg., Roswell, New Mexico~~
- ~~Phillips Petroleum Company, P. O. Box 2105, Hobbs, New Mexico~~
- ~~Plymouth Oil Company, P. O. Box 1860, Midland, Texas~~
- ~~Sunray Mid-Continent Oil Co., 11th Floor Wilco Bldg., Midland, Texas~~

Name and address of surface owner Mr. W. L. Anderson, 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? Yes

Operator: Continental Oil Company

By: R. L. Adams

Title: Division Superintendent

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

BEFORE ME, The undersigned authority, on this day personally appeared R. L. Adams 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 15th day of October, 19 57.

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

May 25, 1960
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.

ir/ CC: New Mexico State Engineer's Office SMCCO (3)
P. O. Box 1079 NJ (2)
Santa Fe, New Mexico SAM (1)
FILE (1)
JR (1)



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

October 22, 1958

ADDRESS CORRESPONDENCE TO:
P. O. BOX 1079
SANTA FE, N. M.

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Porter:

Reference is made to the application of Continental Oil Company, No. SWD-16 which seeks administrative approval to inject salt water into the San Andres Formation between the depths 4180 feet and 5500 feet. I have examined this application giving particular attention to the proposed casing and cementing program and it is my conclusion that the program is reasonable and adequate for the protection of fresh waters which may be encountered.

On the basis of the above examination, the State Engineer offers no objection to the granting of this application.

Yours truly,

S. E. Reynolds
State Engineer

By:

Frank E. Irby
Frank E. Irby
Chief

Water Rights Division

FEI/ma

cc-Mr. R. L. Adams
Division Supt.
Continental Oil Co.
P. O. Box 67
Artesia, N. M.

F. H. Hennighausen

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE