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SINCLAIR OIL & GAS COMPANY

P. O. Box 1470

MIDLAND, TEXAS

November 14, 1962

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MIDLAND DIVISION

Due Nov 30 New Mexico Oil Conservation Commission (3) P. O. Box 971

Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

Attached is Sinclair Oil & Gas Company's application to dispose of salt water by injection into a porous formation not productive of oil or gas.

The water to be disposed of is produced in association with oil from the Medicine Rock (Devonian) Pool and is unfit for domestic, stock, irrigation, or other use. All Operators in the pool will be invited to participate in the disposal system, making it possible for all produced water to be disposed of subsurface.

The well to be used for disposal purposes is not owned presently by our company, but we have had assurances that we may obtain the well if this application is granted. We have attached a diagrammatic sketch of the well as we understand it is presently plugged, and of the method of conversion we intend to use on the well.

Since we do not, at present, own the well, we were unable to attach a full sized electrical log of the well to the application form. however, we have attached a small scale electrical log of the well which we were able to purchase.

We are this date sending a copy of this letter and a copy of the application form to all offset operators listed on the back of the application form, to Mr. Troy Fort, the surface owner, and to the State Engineer's Office, by registered mail. .

Please advise if any additional information is needed regarding this application.

Yours very truly,

Joe Mefford

Division Production Supt.

JM:DC:tk Attachments

cc: Offset Operators listed on back of the application form Mr. Troy Fort, Tatum, New Mexico State Engineer's Office. P. O. Box 1079, Santa Fe, New Mexico

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

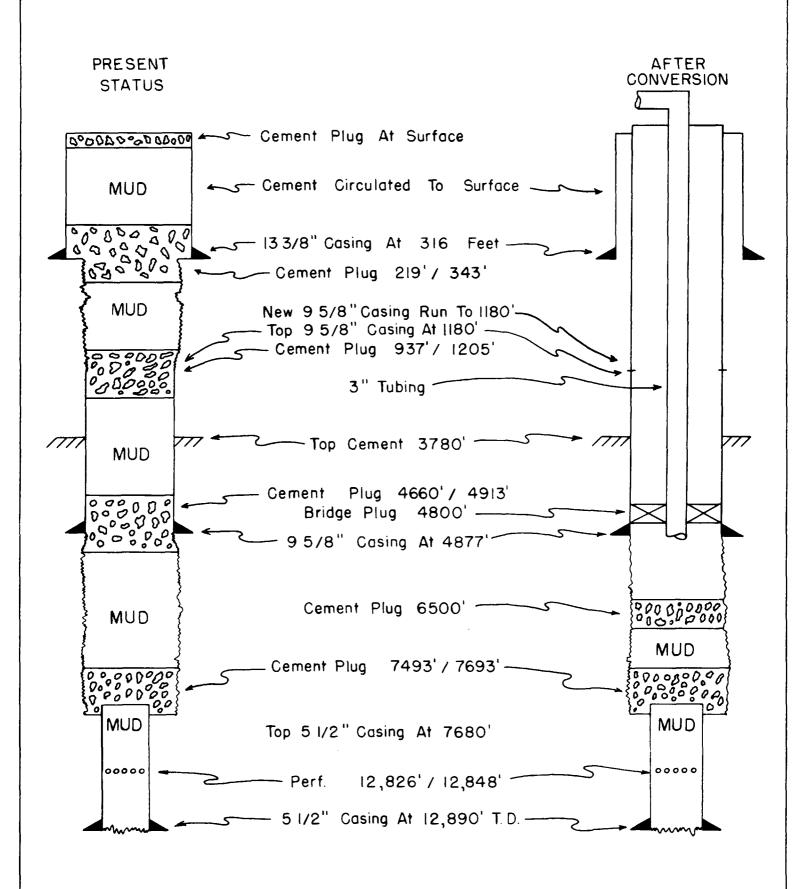
Pool Name Medicine Rock Devonian	County Lea
Operator Sinclair Oil & Gas Company,	
Address P. O. Box 1470, Midland, Texas	
Lease Name Argo Cil Co.'s Thomlinson, et al	Well No. 1 (P & A)
Depth to top of injection zone	4.877 feet
Depth to base of injection zone	6,500 feet
Size of surface casing_	13 3/8 inches
Length of surface casing	316 feet
Number of sacks of cement used on surface casis	ng 350
Size of long string	9 5/8 inches
Length of long string	4,877 feet
Number of sacks of cement used on long string_	
Size of tubing 3 inches	Length of tubing 4,800 feet
Depth of tubing packer setting	approx. L.800 feet
Name and model of packer	Baker Model "A"
Is injection through tubing or long string or a	nnulus? through tubing
Is injection through perforations or open hole	? open hole
Was the well drilled for salt water disposal pu	rposes? No
List perforated intervals and number of sacks operations	of cement used on any squeeze cementing 300 sacks
What is depth of the shallowest zone productive	of oil or gas in this pool? 12,600 feet
What is depth of the deepest zone containing fr	resh water in this pool? 240 feet (est.)
Are there any other salt water disposal wells injection purposes? No number	If so, list operator, lease and well
	he injected deily 2 700 has 2
What is the approximate volume of salt water to	
Will system be open or closed type?	
Will injection be by gravity or pump pressure?	
If by pump pressure, give approximate number of	pounds per square inch 1,700 psig

Will it be necessary for water to be filtered or chemically treated? No

	this well so cased and completed that water can enter no other formation than the ve setout injection zone? Yes
1.	Attach a complete full-scale electrical log of this well. (one copy to OCC only.)
2.	List Names and addresses of all offset operators and surface owners.
	Beulah Hanson, Address Unknown (Lease is undeveloped)
	Tri-Service Drilling Company, P. O. Box 1785, Midland, Texas
	The Atlantic Refining Company, P. O. Eox 6640, Roswell, New Mexico Jake L. Hamon, 511 Midland Savings Bldg., Midland, Texas Mr. Troy Fort, Tatum, New Mexico (Surface Owner)
3.	Have notices of this application been sent by registered mail or given to all offset operators and to the New Mexico State Engineer? Yes
4.	Attach waivers from all offset operators and New Mexico State Engineer.
5.	Attach waivers from surface owners of land on which well is located or a letter from company making application to the surface owner explaining said application and requesting waiver.
6.	No application will be processed until Item I has been attached to the application. Should all necessary waivers not accompany application, the Commission shall hold such application for a period of fifteen (15) days from date of receipt in the Santa Fe Office. If, after said fifteen (15) day period, no protest or requestfor hearing is received in the Santa Fe Office, the application will then be processed. Sinclair Cil & Gas Company Operator
	characo.
	By Joe Mefford, Division Production Supt.
тне	STATE OFTexas
	NTY OF Midland
	BEFORE ME, The undersigned authority, on this day personally appeared
oat	known to me to be the person se name is subscribed to the above instrument, who being by me duly sworn on h states that he is duly authorized to make the above report and that he has wledge of the facts stated therein and that said report is true and correct.
19 <u>(</u>	SUBSCRIBED AND SWORN To before me, this the 11th day of November,
	Virgil H. Piccolo / Page H. Frack

County, Texas

PROPOSED SALT WATER DISPOSAL WELL MEDICINE ROCK (DEVONIAN) POOL Lea County, New Mexico



SINCLAIR OIL & GAS CO.
(ARGO OIL CORP.)

W. R. TOMLINSON WELL No. /
NE/SW Sec. 14 T18S R 38 E
DRY & ABANDONED 2-19-54

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STATE OF NEW MEXICO

STATE ENGINEER OFFICE SANTA FE

S. E. REYNOLDS

December 14, 1962

ADDRESS CORRESPONDENCE TO: STATE CAPITOL 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 Sinclair Oil and Gas Company dated November 14, 1962 which seeks to convert a plugged and abandoned well in the Medicine Rock Devonian Pool in Lea County to a salt water injection well. Reference is also made to my letter of November 27th, 1962 addressed to Mr. Joe Mefford and to his reply to me dated December 4th, 1962, copies of which have been forwarded to you. Mr. Mefford reply to my letter gives satisfactory answers to the questions and it now appears that the granting of this application would not constitute a threat to any fresh waters which may exist in the area. Therefore, this office offers no objection to the granting of this application.

Yours truly,

S. E. Reynolds State Engineer

FEI/ma cc-Mr. Joe Mefford

F. H.Hennighausen

Frank E. Irby

Chief

Water Rights Division

Reproduced By West Texas Electrical Log Service 1305 Commerce Street Dellas 1, Texas

REFERENCE Nº W 4367 -E

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