

SUNRAY MID-CONTINENT OIL COMPANY

P. O. BOX 128
HOBBS, NEW MEXICO

July 24, 1959

STATE ENGINEER'S OFFICE
JUL 27 1959 6:30

Oil Conservation Commission
State of New Mexico
107 Mabry Hall
Santa Fe, New Mexico

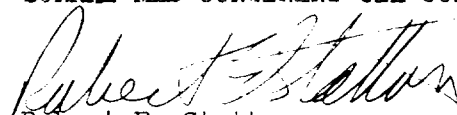
Re: Salt Water Disposal Well,
State Land "76" Well No. 2, Unit I,
Section 2, T-16S, R-32E, Lea County,
New Mexico

Gentlemen:

Enclosed you will find a resubmitted application to dispose of salt water in the subject well. Copies of this application have been furnished the below listed interested parties by registered mail. This application differs from the original application in that the injection zone will be 4206'-8800' instead of 4206'-9535'.

Yours truly,

SUNRAY MID-CONTINENT OIL COMPANY



Robert E. Statton
District Engineer

RES:db
cc: (2) NMOCC
Midland
File

State Engineer Office
P. O. Box 1079
Santa Fe, New Mexico

State Land Office
P. O. Box 791
Santa Fe, New Mexico

Gulf Oil Corporation
Petroleum Building
Roswell, New Mexico

Sinclair Oil & Gas Company
P. O. Box 1470
Midland, Texas



RESUBMITTED

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 Sunray Mid-Continent Oil Company Address P. O. Box 128, Hobbs, New Mexico

Lease State Land "76" Well No. 2 County Lea

Unit I Section 2 Township 16S Range 32E

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

Anderson Ranch Devonian

Name of Injection Formation(s): San Andres, Glorietta, Clearfork, Tubb, Abo

Top of injection zone: 4206 Bottom of injection zone: 8800

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

zone for disposal purposes: Continental Oil Company, Anderson Ranch Unit, Well No. 9,

Unit D, Section 12, T16S, R32E, San Andres Disposal

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface	<u>13-3/8</u>	<u>536</u>	<u>500</u>	<u>Circulated</u>
Intermediate	<u>9-5/8</u>	<u>4206</u>	<u>3000</u>	<u>1595</u>
Long String				

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

Size tubing: 2-3/8" OD Setting depth: 4000 Packer set at: 4000

Name and Model No. of packer: Baker Model "A"

Will injection be through perforations or open hole? Open hole

Proposed interval(s) of injection: 4206'-8800'

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): 600

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? 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

Gulf Oil Corporation, Petroleum Building, Roswell, New Mexico

Sinclair Oil & Gas Company, P. O. Box 1470, Midland, Texas

Name and address of surface owner State of New Mexico, State Land Office, Box 791,
Santa Fe, 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: SUNRAY MID-CONTINENT OIL COMPANY

By: Robert E. Statton
Robert E. Statton

Title: District Engineer

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

BEFORE ME, The undersigned authority, on this day personally appeared Robert E. Statton 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 24th day of July,
19 59.

Notary Public in and for the County of Lea

MY COMMISSION EXPIRES OCTOBER 8, 1961

My Commission Expires

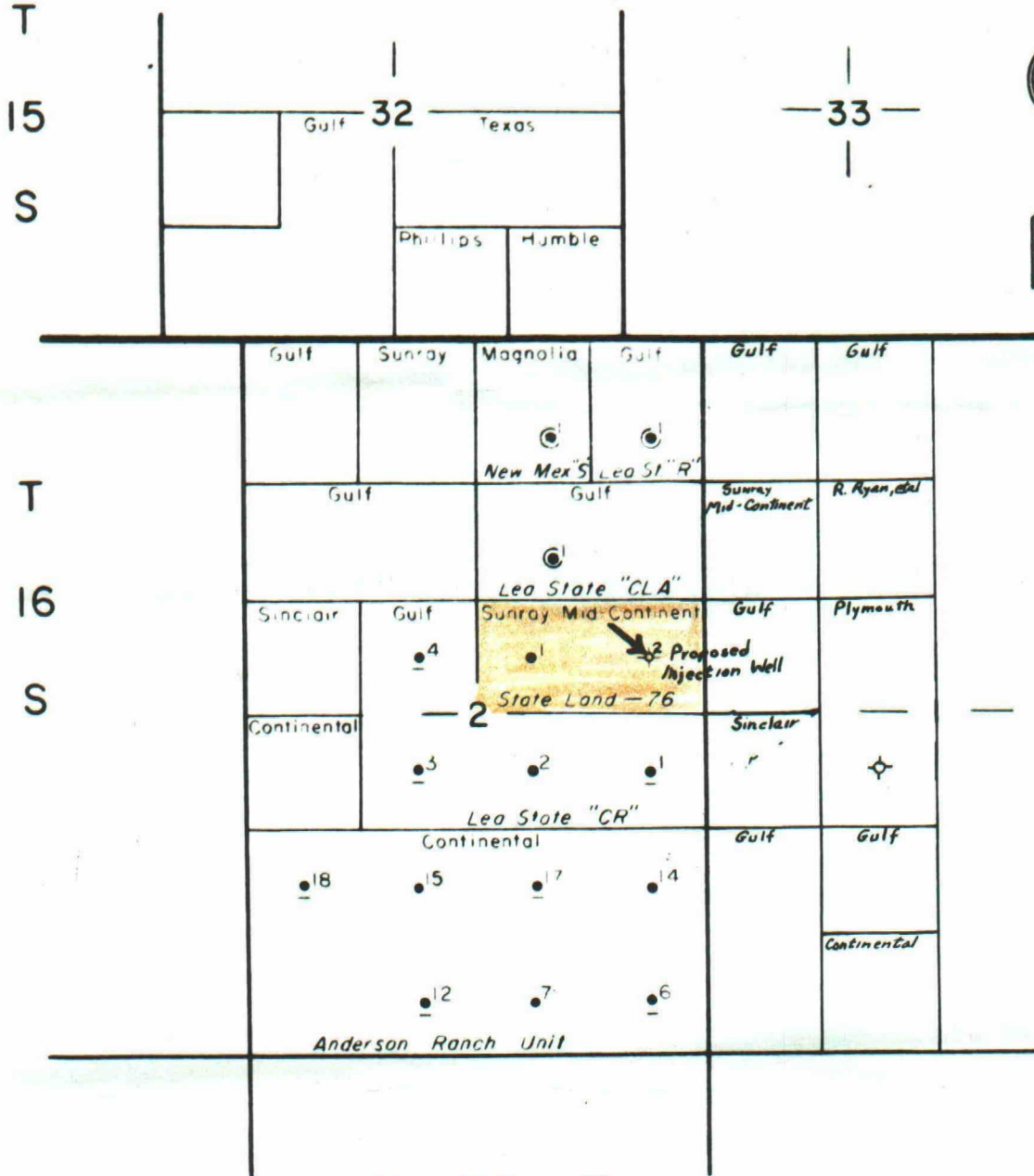
NOTE: Should waivers from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said fifteen-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

104000
2F

X-6645

R 32 E

16 "A"



R 32 E

All Lands Within 1/2 Mile of Intake Well are State Lands

— LEGEND —

- Devonian Oil Well
- ◉ Wolfcamp Oil Well
- ⊙ Dual

SUNRAY MID-CONTINENT OIL CO.
PRODUCING DEPARTMENT
Hobbs, New Mexico

Reproduced By
West Texas Electrical Log Service
Dallas, Texas

REFERENCE N° W 5140 -C

SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

COUNTY LOC FIELD or LOCATION WELL	COMPANY Anderson Petr. Co., Inc.	COMPANY MID-CONTINENT PETR. CORP. WELL STATE LAND 76 # 2 FIELD ANDERSON RANCH LOCATION SEC.2-16S-32E	Location of Well 4620' f CL 660' f EL Sec.2-16S-32E ES-36L (ML) Elevat. n. D.F.: 4303 K.B.: or G.L.: FILING No.
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RUN No.	1									
Date	1-19-55									
First Reading	9967									
Last Reading	4206									
Feet Measured	5761									
Csg. Schlum.	4206									
Csg. Driller	4206									
Depth Reached	9960									
Bottom Driller	9960									
Depth Datum	V. 3 10.4 Adv. GL									
Mud Nat.	Aquagel-Discoase-Gaustic-Soda Ash									
Density	9.6									
Viscosity	50									
Resist.	1.3651	F.	/a	F.	/a	F.	/a	F.	/a	F.
Res. BHT	1.50	F.	/a	F.	/a	F.	/a	F.	/a	F.
pH	1.6	F.	/a	F.	/a	F.	/a	F.	/a	F.
Wtr. Loss	1.2	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp.	F	150								
Bit Size	8 1/4"									
Spgrs.	AM	1.36								
	AO	1.36								
	AO	1.36								
Oprr. Rig Time	1.5 Hrs.									
Truck No.	1.5 HRS									
Recorded By	H. H. H. H. H.									