

RESUBMITTED

Revised 9 16 58

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

FILED
MAY 16 1958
M 8:30
CCC

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

10/10/00
2F

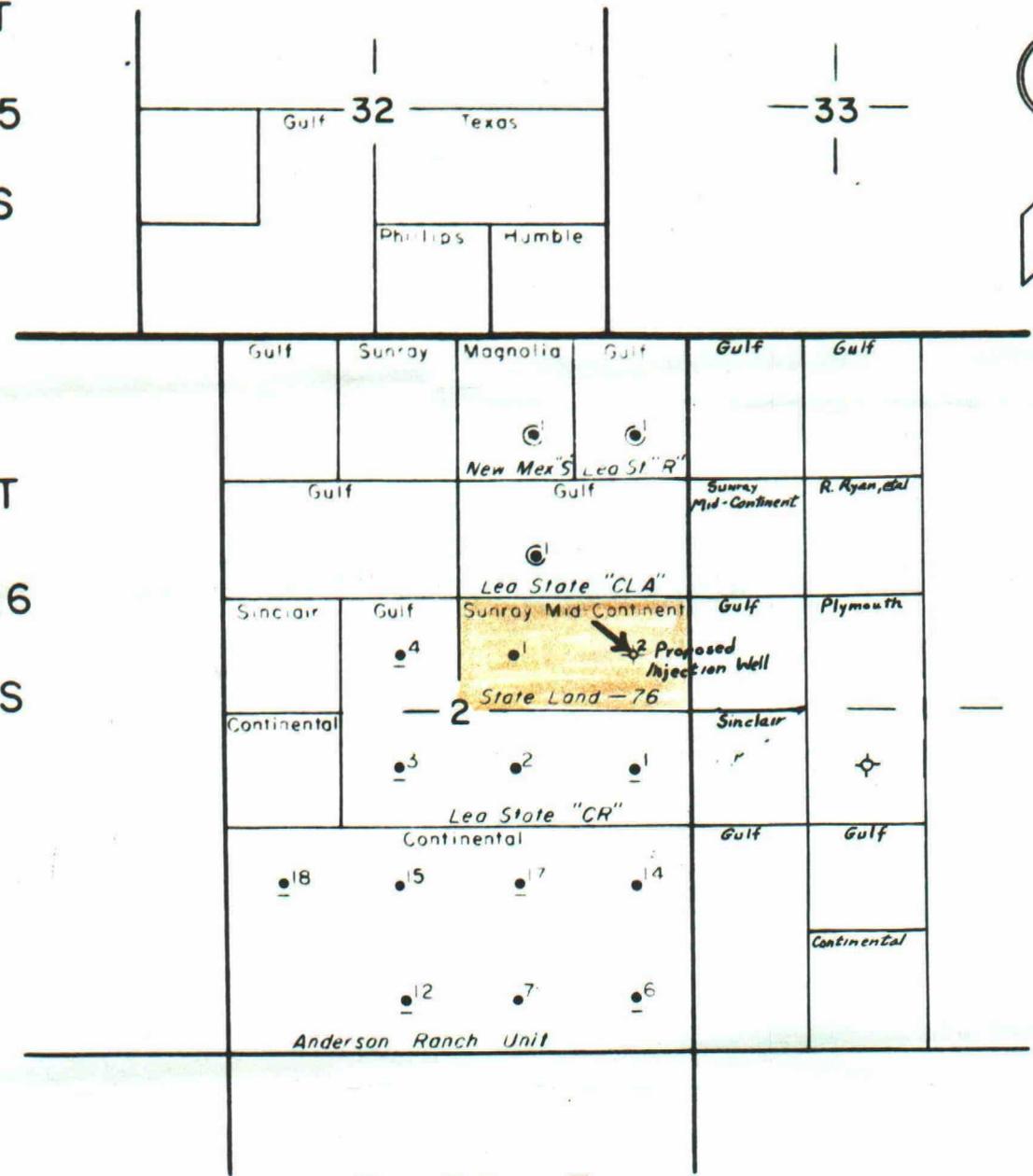
R 32 E

Sec 16 "A"



T
15
S

T
16
S



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

NMOCC
Santitas

Reproduced By

West Texas Electrical Log Service

Dallas, Texas

REFERENCE N° W 5140 -C

SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS



Electrical Log

COUNTY FIELD or LOCATION WELL COUNTY FIELD or LOCATION WELL COUNTY FIELD or LOCATION WELL COUNTY FIELD or LOCATION WELL	COMPANY MID-CONTINENT	Location of Well 4620' f EL 660' f EL Sec. 2-16S-32E
	PETR. CORP.	
	WELL STATE LAND 76 # 2	
	FIELD ANDERSON RANCH	ES-GR L (ML)
LOCATION SEC. 2-16S-32E		Elevation - D.F.: 4303 K.B.: or G.L.:
COUNTY LEA		FILING No.
STATE NEW MEXICO		

RUN No.	1				
Date	1-19-55				
First Reading	9967				
Last Reading	4206				
Feet Measured	5761				
Csg. Schlum.	4206				
Csg. Driller	4206				
Depth Reached	4976				
Bottom Driller	4980				
Depth Datum	10.5' Abv. EL				
Mud Mat.	Aquagel-URiscose-Caustic-Soda Ash				
Density	9.6				
Viscosity	50				
Resist.	1.3 @ 57 F.	@	@	@	@
Res. BHT	5.3 @ 150 F.	@	@	@	@
pH	11.5 @	@	@	@	@
Wtr. Loss	1.2 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. F	150				
Bit Size	8 7/8"				
Spchs. AM	18'				
AO	18'				
AO	19'				
Opr. Rig Time	1.5 Hrs.				
Truck No.	122-10065				
Recorded By					