

OIL CONSERVATION COMMISSION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

January 2, 1974

C
O
P
Y

Lone Star Producing Company
P. O. Box 4815
Midland, Texas 79701

Gentlemen:

Enclosed herewith please find Administrative
Order No. SWD-153 for your New Mexico State (83)
Well No. 1 located in Unit J, Section 33, Township 14
South, Range 34 East, NMPM, Lea County, New Mexico.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/CU/og

cc: Oil Conservation Commission
Box 1980
Hobbs, New Mexico

OIL CONSERVATION COMMISSION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

January 11, 1974

Dome Star Producing Company
P. O. Box 4815
Midland, Texas 79701

Gentlemen:

Enclosed herewith please find Administrative
Order No. SWP-153 for your New Mexico State (83)
W 11 No. 1 located in Unit 3, Section 33, Township 14
South, Range 34 East, T14P3M, Lea County, New Mexico.

Very truly yours,

J. L. PORTER, Jr.
Secretary-Director

APP/OU/od

cc: Oil Conservation Commission
Box 1980
Hobbs, New Mexico



Lone Star Producing Company

Telephone: AC 915 682-5221

December 17, 1973

BRANDON C. SMITH
District Engineer
West Texas District
Production Department

153
1-2-74
Suite 300 Commercial
Bank Tower Building
P.O. Box 4815
Midland, Texas 79701

New Mexico Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Application to Dispose of Salt Water
by Injection into a Porous Formation
New Mexico State (83) No. 1
Tres Papalotes Field
Lea County, New Mexico

Dear Sir:

We are attaching our application for salt water disposal by injection into the San Andres zone between the base of the 8-5/8" casing at 4,540' and a cement plug at 5,890' in our New Mexico State (83) No. 1. The well is located in Section 33, T-14-S, R-34-E, Unit J, Lea County, New Mexico.

The New Mexico State (83) No. 1 was drilled to 10,601' on June 23, 1970 and was plugged and abandoned after testing noncommercial in the Pennsylvanian section. The source of the proposed injection water is from our three producing wells in the field and the anticipated daily injection volume is 225 barrels, with approximately 1200 psi injection pressure.

We respectfully request your approval of this application.

Yours very truly,

LONE STAR PRODUCING COMPANY

J. A. Dow
Petroleum Engineer

JAD/ja

Encls. - Form C-108, Diagrammatic Sketch, Electric Log, Plat, Mailing List
cc: Surface Owner and Offset Operators, w/ Encl.

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR Lone Star Producing Company		ADDRESS Box 4815, Midland, Texas 79701	
LEASE NAME New Mexico State (83)	WELL NO. 1	FIELD Tres Papalotes	COUNTY Lea
LOCATION UNIT LETTER J ; WELL IS LOCATED 2086 FEET FROM THE South LINE AND 2086 FEET FROM THE East LINE, SECTION 33 TOWNSHIP 14 South RANGE 34 East NMPM.			

CASING AND TUBING DATA

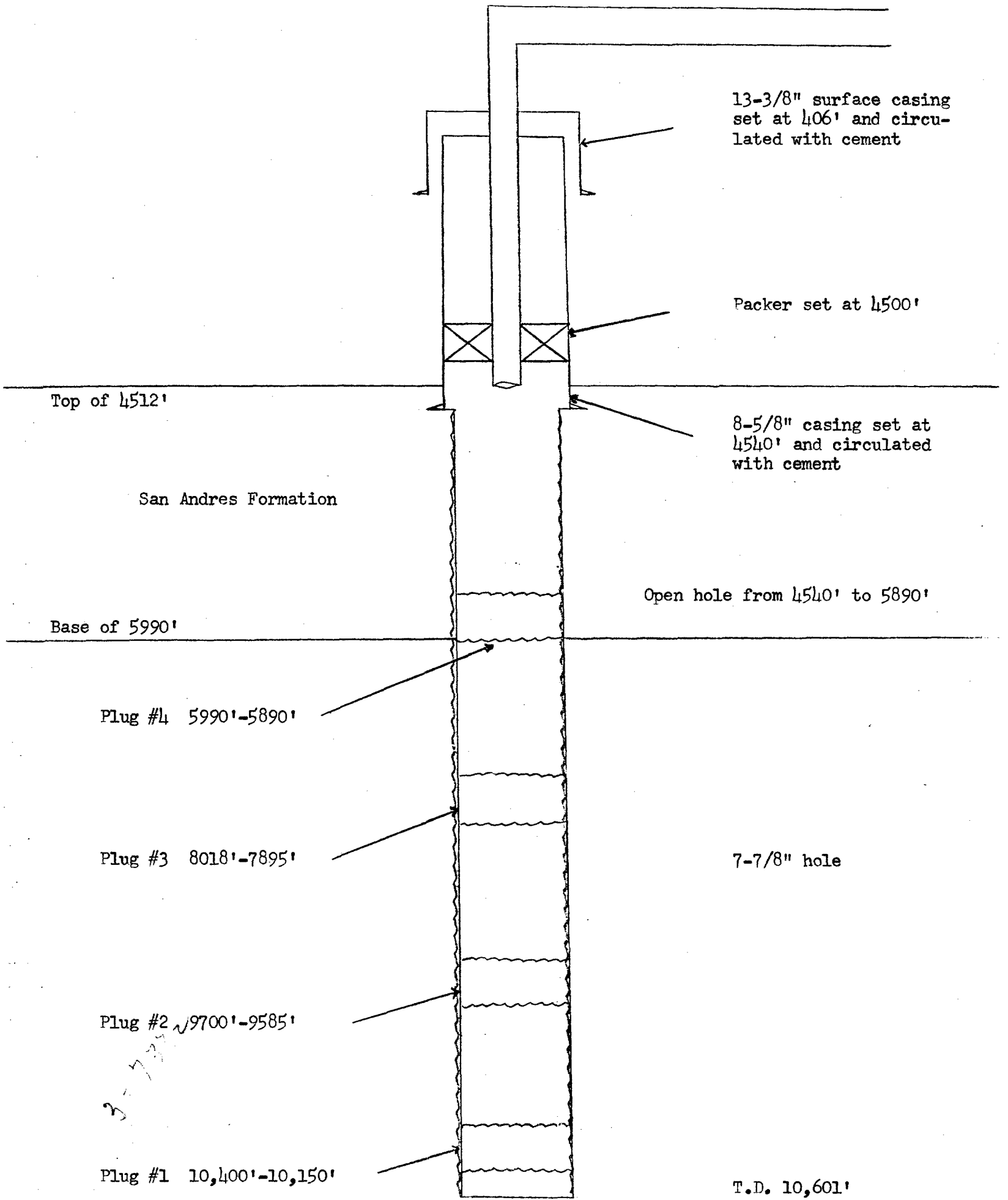
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING 48#	13-3/8" OD	406'	450 Class C	Circulated	
INTERMEDIATE 24# & 32#	8-5/8" OD	4540'	400 Lite Wt. 100 Class C	910'	Calculated
LONG STRING					
TUBING Proposed setting		2-3/8"	4520	NAME, MODEL AND DEPTH OF TUBING PACKER 2-3/8" X 8-5/8" Baker @ 4500 (proposed setting)	
NAME OF PROPOSED INJECTION FORMATION San Andres			TOP OF FORMATION 4512'		BOTTOM OF FORMATION 5990'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing (interior plastic coated)		PERFORATIONS OR OPEN HOLE? Open hole	PROPOSED INTERVAL(S) OF INJECTION 4540'-5890'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Originally drilled to Pennsylvanian (dry)		HAS WELL EVER BEEN PERFORMED 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					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA Unknown		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA Penn. 10,380'-10,550'	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 225	MINIMUM 150	MAXIMUM 300	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1200
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - Yes			WATER TO BE DISPOSED OF Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Mr. C. A. Fort, P. O. Box 1085, Lovington, New Mexico 88260					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL					
Union Oil Co. of California, P. O. Box 3100, Midland, Texas 79701					
Chevron Oil Company, Box 1660, Midland, Texas 79701					
Coquina Oil Corporation, 200 Building of the Southwest, Midland, Texas 79701					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Yes					
SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes			
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) Yes		PLAT OF AREA Yes		ELECTRICAL LOG Yes	DIAGRAMMATIC SKETCH OF WELL Yes

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

J. A. Dow
(Signature)**Petroleum Engineer**
(Title)**December 17, 1973**
(Date)

NOTE: Should waivers from the surface owner and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

LONE STAR PRODUCING COMPANY
 New Mexico (83) No. 1
 Sec. 33, T-14-S, R-34-E
 Diagrammatic Sketch of Salt Water
 Disposal Well



SURFACE OWNER AND OFFSET OPERATORS MAILING LIST

Mr. C. A. Fort (Surface Owner)
P. O. Box 1085
Lovington, New Mexico 88260

Chevron Oil Company
Box 1660
Midland, Texas 79701

Coquina Oil Corp.
200 Building of the Southwest
Midland, Texas

Elk Oil Company
P. O. Box 310
Roswell, New Mexico 88201

Felmont Oil Corp.
P. O. Box 1855
Midland, Texas 79701

Mr. J. M. Kelly
P. O. Box 310
Roswell, New Mexico 88201

Mesa Petroleum Company
904 Gihls Tower
Midland, Texas 79701

Read & Stevens Inc.
P. O. Box 2126
Roswell, New Mexico 88201

Southland Royalty Company
1405 Wilco Building
Midland, Texas 79701

Sun Oil Company
P. O. Box 1861
Midland, Texas 79701

Union Oil Co. of California
P. O. Box 3100
Midland, Texas 79701

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