

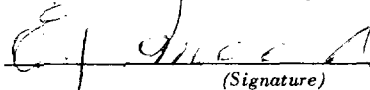
NEW MEXICO OIL CONSERVATION COMMISSION

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 Santa Fe	WELL NO. 3	FIELD East Crossroads Devonian	COUNTY Lea
LOCATION UNIT LETTER G ; WELL IS LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE, SECTION 30 TOWNSHIP 9-S RANGE 37-E 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	438'	400	Circulated	
INTERMEDIATE 36#	9-5/8" OD	4477'	2450	25' below surface	Temp. Survey
LONG STRING					
TUBING 6.50#	2-7/8" OD	4500'	NAME, MODEL AND DEPTH OF TUBING PACKER		
NAME OF PROPOSED INJECTION FORMATION San Andres Lime			TOP OF FORMATION 4,140'		BOTTOM OF FORMATION 5,400'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing (interior plastic coated)		PERFORATIONS OR OPEN HOLE? Open Hole	PROPOSED INTERVAL(S) OF INJECTION 4,477' to 5,100'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Originally drilled to Dev. Line (Dry)		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					
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 Devonian 12,170' to 12,250'	
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 1400	MINIMUM 1200	MAXIMUM 1550	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 -			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) U. D. Sawyer, Crossroads, New Mexico					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Lone Star Producing Company (only)					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL None	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAT OF AREA Yes		ELECTRICAL LOG Yes	
				THE NEW MEXICO STATE ENGINEER 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.

 (Signature)	Dist. Prod. Supt. (Title)	January 18, 1967 (Date)
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NOTE: Should waivers from the State Engineer, 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.

(See instructions for completing this form on the reverse side)

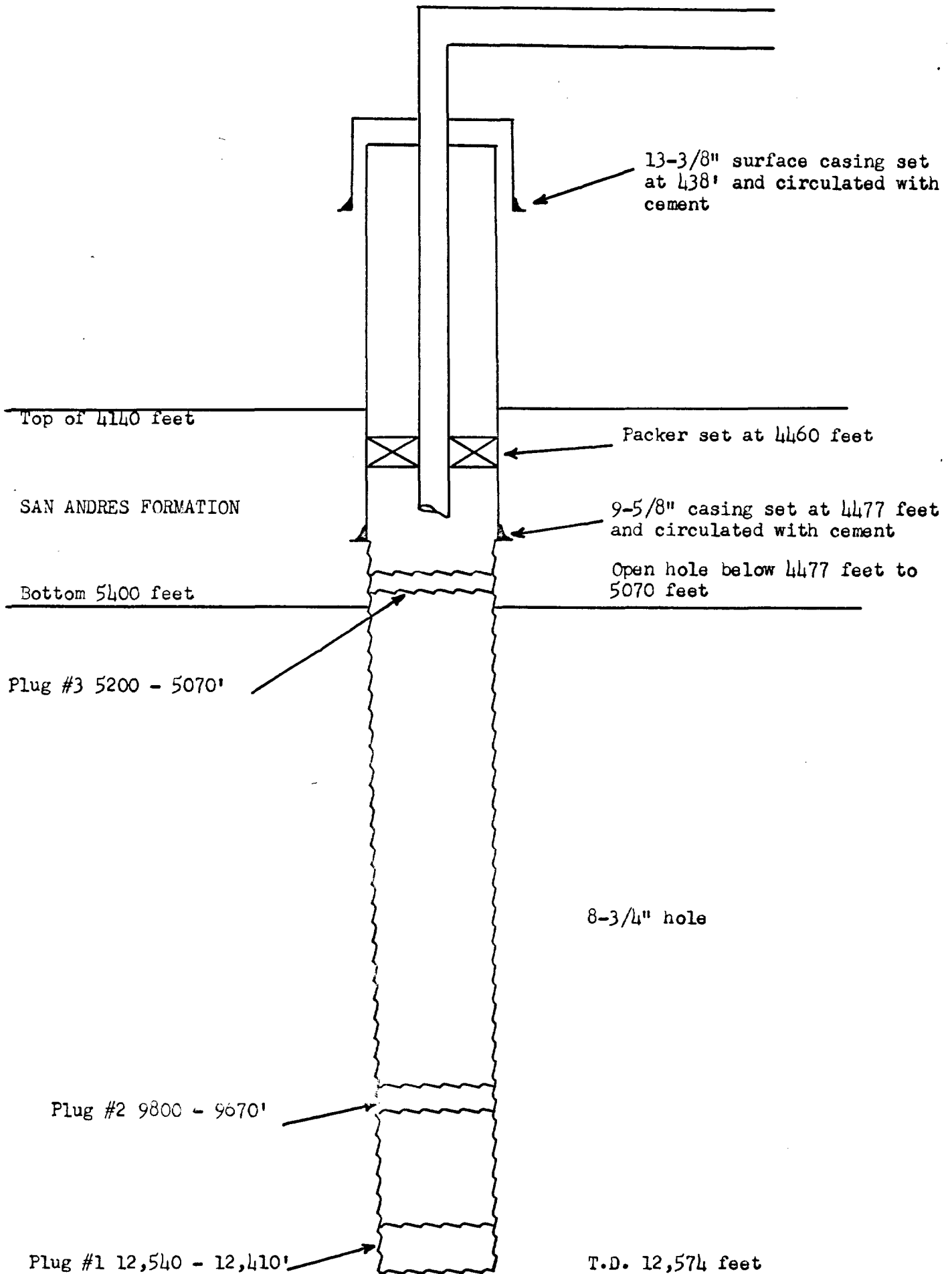
INSTRUCTIONS FOR COMPLETION:

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for both oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3, Section A, please use space below

* "Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1953 Comp.)

LONE STAR PRODUCING COMPANY
SANTA FE NO. 3 WELL
Sec. 30, T-9-S, R-37-E

DIAGRAMMATIC SKETCH OF SALT WATER
DISPOSAL WELL



New Mexico Oil Conservation Commission
Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

We have been notified by Lone Star Producing Company of their intention to apply for salt water injection in the Santa Fe No. 3 well located in Section 30, T-9-S, R-37-E, Unit G, Lea County, New Mexico.

We, as surface owner, have no objection to their application and hereby submit this notice of waiver.

Yours very truly,



Mrs. U. D. Sawyer

OIL CONSERVATION COMMISSION
1 DISTRICT

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE Feb. 3, 1967

Re: Proposed NSP _____
Proposed Triple _____
Proposed NSL _____
Proposed NFO _____
Proposed DC _____

SWD X

Gentlemen:

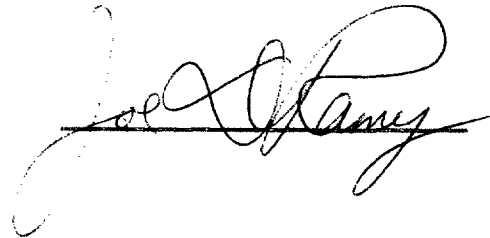
I have examined the application dated 2/3/67

for the Lone Star Producing Co. Santa Fe #3-G 30-9-37
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

O.K.-----J.D.R.

Yours very truly,



2-8679

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

February 6, 1967

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

Attention: Mr. E. J. Sneed

Gentlemen:

Your application to convert your Santa Fe Well No. 3, located in Unit G, Section 30, Township 9 South, Range 37 East, NMFM, was received this day. If this application is to be processed administratively, please file a plat in accordance with Rule 701-B paragraph 1.

Very truly yours,

**J. E. KAPTEINA
Engineer**

JEK/og

C
O
P
Y

LONE STAR PRODUCING COMPANY

WEST TEXAS EXPLORATION DISTRICT

SUITE 300 COMMERCIAL BANK TOWER BUILDING

P. O. BOX 4815

Midland, Texas 79702

February 14, 1967

State of New Mexico
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 88201

Attention: Mr. J. E. Kapteina

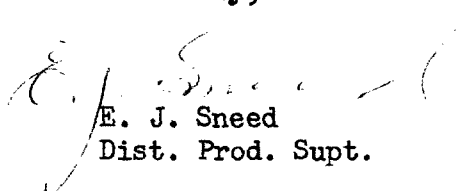
Gentlemen:

In reply to your letter dated February 6, 1967, in regard to plat showing all wells that have been drilled within a radius of two miles of Lone Star Producing Company's Santa Fe No. 3 well located in Unit G, Section 20, T-9-S, R-37-E, NMPM, we attach same.

Santa Fe No. 3 well is the well Lone Star Producing Company proposes to redrill and make salt water disposal well in San Andres Lime formation for water being produced from the Devonian formation.

You will also note from the attached plats, there are no wells drilled within the two mile radius that produce either oil or gas from the San Andres Lime formation.

Sincerely,


E. J. Sneed
Dist. Prod. Supt.

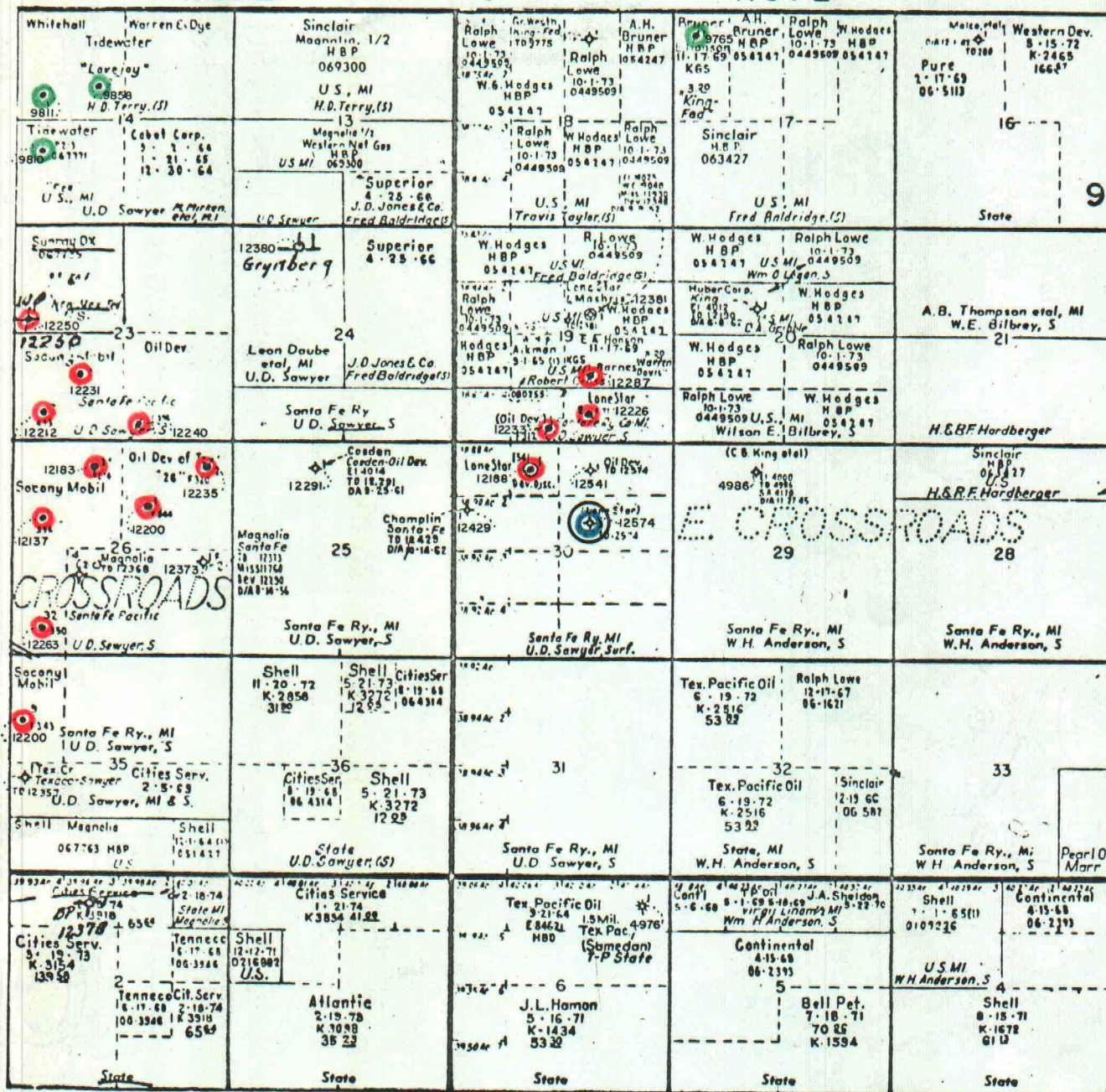
EJS:vjd

cc: Oil Conservation Commission, Hobbs, N. M.
Lone Star Producing Company, Dallas, Tex.
Oil Development Company, Amarillo, Texas
Field Office

Attach-

R 36 E

R 37 E



WELLS WITHIN A RADIUS OF TWO MILES OF LSP CO. SANTA FE NUMBER 3 WHICH IS LOCATED IN UNIT G, SEC. 30, T 9 S & R 37 E, 1980' FROM NORTH AND EAST LINE OF SECTION, LEA COUNTY, NEW MEXICO.

- DEVONIAN PRODUCTION
- PENN (BOUGH C) PRODUCTION
- LSP CO. SANTA FE #3