

APPLICATION TO DISPOSAL OF SALT WATER BY INJECTION INTO POROUS FORMATION

OPERATOR Lone Star Producing Company		ADDRESS P. O. Box 4815, Midland, Texas 79701	
LEASE NAME Santa Fe	WELL NO. 2	FIELD East Crossroads (Devonian)	COUNTY Lea
LOCATION UNIT LETTER 0 WELL IS LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 19 TOWNSHIP 9-S RANGE 37-E N.M.P.M.			

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	417.46'	400	Surface	Circulated
INTERMEDIATE 36#	9-5/8" OD	4,360.00'	2,950	Surface	Circulated
LONG STRING 17# & 20#	5-1/2" OD	12,180.00'	1,000	9,330'	Temp. Survey
TUBING 4.70#	2-3/8" OD	12,007.00'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model "D" set @ 11,999'		

NAME OF PROPOSED INJECTION FORMATION Devonian		TOP OF FORMATION 12,162'	BOTTOM OF FORMATION 12,226'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLES? OH 12,180'-12,226'	PROPOSED INTERVAL(S) OF INJECTION 12,180' to 12,226'
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Producing Oil Well		HAS WELL EVER BEEN PERFORATED IN A ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

N/A

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 None	
ANTICIPATED DAILY INJECTION VOLUME (BBL/DAY) 1100	MINIMUM 1200	MAXIMUM 1600	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)

Mrs. W. D. Sawyer, P. O. Box 35, Crossroads, New Mexico 88114

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL

(See Attached List)

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	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)	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.

(Signature)

District Petroleum Engineer

(Title)

August 22, 1975

(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 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. 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.