

NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR SINCLAIR OIL & GAS COMPANY		ADDRESS P. O. Box 1470, Midland, Texas 79701	
LEASE NAME State Lea 403	WELL NO. 7	FIELD Vacuum Area	COUNTY Lea
LOCATION UNIT LETTER 0 ; WELL IS LOCATED 735 FEET FROM THE South LINE AND 2055 FEET FROM THE East LINE, SECTION 16 TOWNSHIP 18S RANGE 35E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13 3/8	406	410	Circulated	Observation
INTERMEDIATE	9 5/8	3990	1750	Circulated	Observation
LONG STRING	None				
TUBING	3 1/2	3950	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model N-1 @ 3950		

NAME OF PROPOSED INJECTION FORMATION Yates-Queen, San Andres-Delaware		TOP OF FORMATION See Log	BOTTOM OF FORMATION 6782
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing	PERFORATIONS OR OPEN HOLE? Open Hole	PROPOSED INTERVAL(S) OF INJECTION 3990-6600	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Devonian Test (Abandoned in Mississippi)		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			

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA Ogalalla 350 (approx.)		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 Bone Spring - 6782'	
ANTICIPATED DAILY INJECTION VOLUME (BBL.S.) 1500	MINIMUM 2500	MAXIMUM 2500	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1500 PSI
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) Scharbauer Cattle Company, 111 South Lorraine, Midland, Texas 79701	
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LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Union Oil of California, 619 W. Texas, Midland, Texas 79701	
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Skelly Oil Company, P. O. Box 1650, Tulsa, Oklahoma	
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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	THE NEW MEXICO STATE ENGINEER Yes
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ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAY OF AREA Yes	ELECTRICAL LOG Yes	DIAGRAMMATIC SKETCH OF WELL Yes
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I hereby certify that the information above is true and complete to the best of my knowledge and belief.

R. E. Powers
R. E. Powers

(Signature)

Engineering Supervisor

(Title)

October 19, 1966

(Date)

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.