

## NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Exxon Corporation		ADDRESS 1700 West Broadway, Andrews, Texas 79714	
LEASE NAME Strange Federal	WELL NO. 3	FIELD Tomahawk	COUNTY Chaves
LOCATION UNIT LETTER <u>X J</u> ; WELL IS LOCATED <u>2100'</u> FEET FROM THE <u>South</u> LINE AND <u>1980'</u> FEET FROM THE <u>East</u> LINE, SECTION <u>25</u> TOWNSHIP <u>7-S</u> RANGE <u>31-E</u> NMPM.			

CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8-5/8"	1649'	850	Surf.	circ. 175 sx
INTERMEDIATE					
LONG STRING	5-1/2"	4288'	1650		
TUBING	2-7/8"	4130	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Lok-Set set @ 3750'		

NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 3251'	BOTTOM OF FORMATION 4264'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLES? Perforations	PROPOSED INTERVAL(S) OF INJECTION 3808'-4261'
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Production		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 1635'		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 9540'	
ANTICIPATED DAILY INJECTION VOLUME (BBL/S.) 150	MINIMUM 130	MAXIMUM 200	OPEN OR CLOSED TYPE SYSTEM Open	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSIG) 150-350#
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? Yes

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Mr. Mays Jenkins South Star Route Elida, New Mexico		
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL		
Harvey Yates Pet.	West Bldg.	Midland, Texas 79701
Holly Energy Inc.	707 W. Indiana	Midland, Texas 79701
Sundance Oil Co.	Center Bldg. 1776 Lincoln St.	Denver, Colorado 80203

TRUE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER ✓	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL ✓	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA ✓	ELECTRICAL LOG ✓	DIAGRAMMATIC SKETCH OF WELL ✓

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

Daniel Shabacy  
(Signature)Engineer  
(Title)December 11, 1980  
(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.