

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Petroleum Corporation of Texas		ADDRESS P.O. Box 911, Breckenridge, Texas 76024	
LEASE NAME Bate Federal	WELL NO. 2	FIELD Prairie Cisco South	COUNTY Roosevelt
LOCATION UNIT LETTER <u>F</u> ; WELL IS LOCATED <u>1980'</u> FEET FROM THE <u>North</u> LINE AND <u>1980'</u> FEET FROM THE <u>West</u> LINE, SECTION <u>22</u> TOWNSHIP <u>8S</u> RANGE <u>36E</u> NMPM. <u>--</u>			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
10 3/4"	32.75# 8rd	291'	300 sx.	surface	Circ. Cement
INTERMEDIATE					
7 5/8"	24# & 26#	4115'	315	surface	Circ. Cement
LONG STRING					
4 1/2"	9.5#&11.6#	9729'	150	8643'	Calculated
TUBING					
2" EUE		4720'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Tension (Plastic Coated) 4689'		

NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 4047	BOTTOM OF FORMATION 5430
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing (Plastic Coated)		PROPOSED INTERVAL(S) OF INJECTION 4810-24' 2 shots/ft. 28holes	
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 PERFORMED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? Yes

LIST ALL SUCH PERFORATED INTERVALLS AND SACKS OF CEMENT USED TO SET OFF OR SQUEEZE EACH Bough "C" (9678-9688) Cement Retainer @ 7884' & squeeze w/125 sx. (35 sx on top) CIBP @ 5000; Perf. 4925 w/4 shots, squeeze w/140 sx. (Perf. 4800, 4 shots, block squeeze w/138sx)			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA Presume 250'	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 Bough "C" 9675	
ANTICIPATED DAILY INJECTION VOLUME (BBL/DAY) 45	MINIMUM 100	MAXIMUM open	OPEN OR CLOSED TYPE SYSTEM pressure
IS INJECTION TO BE BY GRAVITY OR PRESSURE? pressure		APPROX. PRESSURE (PSI) 800	
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 NATURAL WATER IN DISPOSAL ZONE Yes	
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) State Land (Mr. Holmes Lovejoy; Milnesand, New Mexico)		ARE WATER ANALYSES ATTACHED? No	

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL			
Solar Oil Co.; Box 5596; 2101 W Texas; Midland, Texas			
Dedric B. Baxter; Box 4171; 203 Central Bldg.; Midland, Texas			
Max Pray; Palmolive Bldg.; Chicago, Ill.			
Charles B. Read; Box 2126; 314 Security Nat. Bank Bldg.; Roswell, New Mexico			
Coastal States; Box 235; Wilco Bldg.; Midland, Texas			
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
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)

Engineer

(Title)

12-2-1975

(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.