

## ADMINISTRATIVE ACTION REQUESTED

## NEW MEXICO OIL CONSERVATION COMMISSION

## SALT WATER DISPOSAL

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

APPLICATOR Phillips Petroleum Company		ADDRESS Room 711 Phillips Bldg., Odessa, Texas 79761	
WELL NAME Ranger	WELL NO. 5	FIELD Ranger Lake (Penn)	COUNTY Lea
LOCATION UNIT LETTER <u>B</u> ; WELL IS LOCATED <u>660</u> FEET FROM THE <u>north</u> LINE AND <u>1978</u> FEET FROM THE <u>east</u> LINE, SECTION <u>26</u> TOWNSHIP <u>12-S</u> RANGE <u>34-E</u> NMPM.			
CASING AND TUBING DATA			
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING	13-3/8"	355'	355
INTERMEDIATE	8-5/8"	4223'	648
LONG STRING	5-1/2"	10360'	920
TUBING	2-3/8"	10200'	900
NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model D		TOP OF CEMENT Circ at surface	
NAME OF PROPOSED INJECTION FORMATION Pennsylvanian		TOP DETERMINED BY ---	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		TOP OF FORMATION 10238'	
PERFORATIONS OR OPEN HOLES Perfs		BOTTOM OF FORMATION 10340' PBTD	
PROPOSED INTERVAL(S) OF INJECTION 10241-66', 10274-80', 10286-305', 10309-27'		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil well	
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 300		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 10,000'	
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 25		MINIMUM 600	
MAXIMUM 600		OPEN OR CLOSED TYPE SYSTEM closed	
IS INJECTION TO BE BY GRAVITY OR PRESSURE? pressure		APPROX. PRESSURE (PSI) 3000 (Max.)	
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		NATURAL WATER IN DISPOSAL ZONE yes	
ARE WATER ANALYSES ATTACHED? no		NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) State Lease No. E906 (Leasee=A.D. Jones, Est., Attn: R.C. Jones, Roswell Highway, Tatum, New Mexico)	
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Amoco Prod. Co., Box 68, Hobbs, N.M. 88240; Amerada Hess Corp. Box 817, Seminole, Texas 79360 Amer. Trading & Prod. Co., Box 992, Midland, Texas 79701; J.C. Barnes, Box 505, Midland, Texas 79701 Gordon M. Cone, Box 1148, Lovington, N.M. 88260; L.R. French, Jr., 1204 ABC Bldg., Odessa, Texas 79761 Getty Oil Co., Box 249, Hobbs, N.M. 88240; J.I.O'Neill, Jr., 410 W. Ohio, Midland, Texas 79701 Marathon Oil Co., Box 2409, Hobbs, N.M. 88240; Sun Oil Co., 12850 Hillcrest Road, Dallas, Texas 75230; Texaco Inc., Box 3109, Midland, Texas 79701; Texas Pacific Oil Co., Box 4067, Midland, Texas 79701; Union Oil Co. of California, Box 671, Midland, Texas 79701.			
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? yes		SURFACE OWNER yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)? 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.

W.J. Mueller, Senior Reservoir Engineer

3-29-73

(Date)

NOTES: 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.