

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

OPERATOR Cabot Corporation		ADDRESS P. O. Box 1101, Pampa, Texas 79065	
LEASE NAME Howard Fleet	WELL NO. 1	FIELD King	COUNTY Lea
LOCATION UNIT LETTER I ; WELL IS LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 35 TOWNSHIP 13-S RANGE 37-E NMPM.			

CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13-3/8"	353 Gr.	400	Surface	Circulation
INTERMEDIATE	8-5/8"	4587 Gr.	2500	Surface	Circulation
LONG STRING	4-1/2"	5708 Gr.	200	5218	Cement Bond Log
TUBING	2-3/8"	5603 Gr.	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model "D"		
NAME OF PROPOSED INJECTION FORMATION San Andres			TOP OF FORMATION 4530'		BOTTOM OF FORMATION 6020'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Open hole	PROPOSED INTERVAL(S) OF INJECTION 5708-5907'		
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? Yes	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH 25 sacks Cement Plug at 5900' 12,238 to 12,518'; CI Bridge Plug at 11,032' with 1 sack cement on top; 10,708-11,027'; Filled with 9.5# Mud					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA Approximately 300'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 2000	MINIMUM 3500	MAXIMUM closed	OPEN OR CLOSED TYPE SYSTEM closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1300#
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) Mr. W. T. Reed, 10143 Buckwood Dr., El Paso, Texas 79925					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Kerr-McGee Corporation, Kerr-McGee Building, Oklahoma City, Oklahoma 73102					
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 No	
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)

(Title)

October 3, 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.