

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

OPERATOR V-F Petroleum, Inc.		ADDRESS 901 Vaughn Building			
LEASE NAME State 14		WELL NO. 1	FIELD SRR Devonian		COUNTY Lea
LOCATION UNIT LETTER <u>L</u> ; WELL IS LOCATED <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>330</u> FEET FROM THE <u>West</u> LINE, SECTION <u>14</u> TOWNSHIP <u>9S</u> RANGE <u>32E</u> NMPM.					
CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING 40#J	12-3/4"	385'	450 sx	surface	circulated
INTERMEDIATE 24# - 28# J-55	8-5/8"	3504'	400	1425'	calculations
LONG STRING 17# - N-80	5-1/2"	11,117'	200	9595'	calculations
TUBING 4.70# N-80	2-3/8"	10,752'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model R single grip		
NAME OF PROPOSED INJECTION FORMATION Devonian		TOP OF FORMATION 11,085'		BOTTOM OF FORMATION 11,102'	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? tubing		PERFORATIONS OR OPEN HOLE? perforations	PROPOSED INTERVAL(S) OF INJECTION 11,085' - 11,102'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? no		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? looking for Devonian production		HAS WELL EVER BEEN PERFORMED 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 not applicable					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 250 EST		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA 9500' (Pennsylvanian)		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.)	MINIMUM 150	MAXIMUM 7000	OPEN OR CLOSED TYPE SYSTEM closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? *pressure	APPROX. PRESSURE (PSID) *2500
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 Devonian	NATURAL WATER IN DISPOSAL ZONE Devonian	ARE WATER ANALYSES ATTACHED? yes
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) State Land (surface owner - Mrs. Lewis Cooper, Portales, New Mexico)					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL					
Amoco, P. O. Drawer A, Levelland, Texas 79336					
Yates Petroleum, 207 South 4th, Yates Building, Artesia, NM 88210					
R. B. Stallworth, P. O. Box 3310, Midland, TX 79701					
Phillips, Phillips Building, 4th Street & Washington, Rm B-2, Odessa, Texas 79760					
*This well will take water on vacuum.					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	
Yes		Yes		Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAT OF AREA		ELECTRICAL LOG	
Yes		Yes		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)

President

(Title)

5-18-78

(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.