

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Tenneco Oil Company		ADDRESS P. O. Box 1031 Midland, Texas 79701	
LEASE NAME E. J. Wells	WELL NO. 2	FIELD Jalmat (Yates - Seven Rivers)	COUNTY Lea
LOCATION UNIT LETTER <u>G</u> ; WELL IS LOCATED <u>2310</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE, SECTION <u>12</u> TOWNSHIP <u>25-S</u> RANGE <u>36-E</u> NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	16"	223'	200	Surface	Circulated
INTERMEDIATE	10"	1633'	600	Surface	Circulated
LONG STRING	7"	3310'	300	2200'	Calculated
TUBING	2-7/8"	2800'	NAME, MODEL AND DEPTH OF TUBING PACKER Proposed - Guiberson "Shorty Tension Pkr"@ 2800'		
NAME OF PROPOSED INJECTION FORMATION Yates - Seven Rivers			TOP OF FORMATION 2880'		BOTTOM OF FORMATION 3400' (est.)
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Perforations		PROPOSED INTERVAL(S) OF INJECTION 2920' - 3134'	
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? Additional Yates - 7 River	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH Perf. 3176' to 3215'; Perf. 3249' - 3267' sealed off in Feb. 1937. Drilled out to 3134' Aug. 1954. Added 50 sx. cement Nov. 1951.					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA Santa Rosa - 850'		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 Top Queen @ 3400' (est)	
ANTICIPATED DAILY INJECTION VOLUME (BBL'S.) 100	MINIMUM 1000	MAXIMUM 1000	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Gravity	APPROX. PRESSURE (PSI) Max. 1000 psi
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? Yes
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) James F. Bryant, Drawer P, Jal, New Mexico					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL See Attached Sheet					
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	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAT OF AREA Yes		ELECTRICAL LOG Yes	
				THE NEW MEXICO STATE ENGINEER 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.

J. F. Carnes J. F. Carnes District Production Engineer
(Signature) (Title) (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.