

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR A.H. Rains		ADDRESS Box 927, Carlsbad, New Mexico, 88220							
LEASE NAME Exxon State	WELL NO. 8	FIELD Magruder-Yates	COUNTY Eddy						
LOCATION UNIT LETTER <u>0</u> ; WELL IS LOCATED <u>1268</u> FEET FROM THE <u>South</u> LINE AND <u>2032</u> FEET FROM THE <u>East</u> LINE, SECTION <u>15</u> TOWNSHIP <u>21 South</u> RANGE <u>27 East</u> NMPM.									
CASING AND TUBING DATA									
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY				
SURFACE CASING	8"	175'	Circulated						
INTERMEDIATE									
LONG STRING	5½"	540'-600'	Circulated	Surface					
Tubing	2 3/8"	540'-600'	NAME, MODEL AND DEPTH OF TUBING PACKER Guiberson Hookwall 540'-600'						
NAME OF PROPOSED INJECTION FORMATION Yates		TOP OF FORMATION Unknown		BOTTOM OF FORMATION Unknown					
PERFORATION THROUGH TUBING, CASING, OR ANNULUS? No		PERFORATIONS OR OPEN HOLE? Open Hole		PROPOSED INTERVAL(S) OF INJECTION 550'-700'					
IS THIS A NEW WELL DRILLED FOR DISPOSAL? Yes		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Water Disposal		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No					
LIST ALL LOGS PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH									
Is Fresh Water In Area None		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 11,000' Gas					
APPROXIMATE DAILY MINIMUM INJECTION VOLUME 0		MAXIMUM 0		OPEN OR CLOSED TYPE SYSTEM Closed		IS INJECTION TO BE BY GRAVITY OR PRESSURE? Gravity		APPROX. PRESSURE (PSI) 125	
AN WELL LOG OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - No		WATER TO BE DISPOSED OF Yes		NATURAL WATER IN DISPOSAL ZONE Same		ARE WATER ANALYSES ATTACHED? Yes			
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) J.D. Spears, Box 1017, Carlsbad, New Mexico, 88220									
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (½) MILE OF THIS INJECTION WELL Yates Petroleum Corporation, Artesia, New Mexico, 88210 Hess, Midland, Texas									
Application of A.H. Rains for amendment of Order No. R-5217, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-5217 to provide an administrative procedure for the approval of substitute or additional salt water disposal well on applicant's Pure State Lease in Section 15, Township 21 South, Range 27 East, Magruder-Yates Pool, Eddy County, New Mexico.									
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL		THE NEW MEXICO STATE ENGINEER			
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		FLAT OF AREA		ELECTRICAL LOG		DIAGRAMMATIC SKETCH OF WELL			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

NOTE: Should notice 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.