

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 0 WELL IS LOCATED 1268 FEET FROM THE South LINE AND 2032 FEET FROM THE East LINE, SECTION 15 TOWNSHIP 21 South RANGE 27 East N.M.P.M.			
CASING AND TUBING DATA			
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING	8"	175'	Circulated
INTERMEDIATE			
LONG STRING			
To Be Set	5 1/2"	540'-600'	Circulated
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
IS INJECTION 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 SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH No Fresh Water In Area			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS 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
ANTICIPATED DAILY INJECTION VOLUME (BBL/D) 	MINIMUM 	MAXIMUM 	OPEN OR CLOSED TYPE SYSTEM Closed
IS INJECTION TO BE BY GRAVITY OR PRESSURE? Gravity		APPROX. PRESSURE (PSI) 125	
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 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 (1/2) MILE OF THIS INJECTION WELL Yates Petroleum Corporation, Artesia, New Mexico, 88210 Perry Bass, 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) 	PLAT 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.

A.H. Rains
(Signature)

(Title)

2-8-77
(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.