

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

OPERATOR OLEN P. FEATHERSTONE		ADDRESS 239 Petroleum Building, Roswell, N.M. 88201	
LEASE NAME Humble X'	WELL NO. 1	FIELD NORTH MORTON	COUNTY Lea
LOCATION UNIT LETTER <u>C</u> ; WELL IS LOCATED <u>510</u> FEET FROM THE <u>North</u> LINE AND <u>1830</u> FEET FROM THE <u>West</u> LINE, SECTION <u>6</u> TOWNSHIP <u>15 South</u> RANGE <u>35 East</u> , N.M.P.M.			

## CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	11-3/4"	335'	300	circulated	<del>circulating</del>
INTERMEDIATE	8-5/8"	4515'	480	2850	calculation
LONG STRING					
TUBING	3"	4500'	NAME, MODEL AND DEPTH OF TUBING PACKER Guiberson KVL 30		

NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 4570'	BOTTOM OF FORMATION 6090'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing.		PERFORATIONS OR OPEN HOLE? Open Hole	PROPOSED INTERVAL(S) OF INJECTION 4600' to 6000'
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil well		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  
10,456' to 10,458' - spotted 25 sacks - plug from TD @ 10,488' to 10,025' and plug back to 6000'

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 345'	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 10,456'
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ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 4500	MINIMUM 4500	MAXIMUM 7000	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Gravity - if possible	APPROX. PRESSURE (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)  
STATE LAND - Lessee, Lovington National Bank Trustee for Mary Stansell Trust

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL

Humble Oil and Refining Company, P. O. Box 1600, Midland, Texas 79701

Tenneco Oil Company, P. O. Box 1031, Midland, Texas 79701

Union Oil Company of California, 300 Security National Bank, Roswell, N.Mex. 88201

J. M. HUBER, Wilco Building, Midland, Texas 79701 AND

STOLTZ & COMPANY, Box 1714, Midland, Texas 79701

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.

Charles W. Hicks General Manager June 23, 1969  
(Signature) (Title) (Date)  
(Charles W. Hicks)

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.

RECEIVED

JUN 25 5 11 AM '69

STATE LAND OFFICE  
SANTA FE, N. M.