

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Rice Engineering & Operating, Inc.		ADDRESS Box 1142, Hobbs, New Mexico	
LEASE NAME South Lane SWD	WELL NO. D-35	FIELD South Lane	COUNTY Lea
LOCATION UNIT LETTER <u>D</u> ; WELL IS LOCATED <u>500</u> FEET FROM THE <u>north</u> LINE AND <u>500</u> FEET FROM THE <u>west</u> LINE, SECTION <u>35</u> TOWNSHIP <u>10 S</u> RANGE <u>33 E</u> NMPM.			
CASING AND TUBING DATA			
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING	13-3/8	347'	400
INTERMEDIATE	8-5/8	4088'	1500
LONG STRING	5 1/2	12,819'	750
TUBING	NAME, MODEL AND DEPTH OF TUBING PACKER		
(Proposed)	None		
NAME OF PROPOSED INJECTION FORMATION		TOP OF FORMATION	BOTTOM OF FORMATION
Devonian		12,819'	12,990'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS?		PERFORATIONS OR OPEN HOLE?	PROPOSED INTERVAL(S) OF INJECTION
Tubing		Open hole	12,819' to 12,990' TD
IS THIS A NEW WELL DRILLED FOR DISPOSAL?		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	
No		Oil Humble N.M. St. CA No. 1	
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			
-			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA	
200		9700	
ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM
4800	4200	7200	Closed
IS INJECTION TO BE BY GRAVITY OR PRESSURE?		APPROX. PRESSURE (PSI)	
Gravity		0	
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		Penn. Bough "C"	
		Devonian	
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)		ARE WATER ANALYSES ATTACHED?	
State (owner) Bogle Farms, Inc. (lessee) Hagerman, New Mexico		Bough "C" attached	
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL			
T. F. Hodge, 901 W. Missouri, Midland, Texas			
Tenneco Oil Company, Box 1031, Midland, Texas			
Texaco Inc., Box 728, Hobbs, New Mexico			
Cabot Corporation, Box 4395, Midland, Texas			
Pubco Petroleum Corporation, Box 1419, Albuquerque, 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
	Yes	Yes	Yes
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA	ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL
	Yes	Yes	Yes

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

W. G. Abbott
(Signature) W. G. Abbott

Division Manager
(Title)

November 9, 1965
(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.