

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

OPERATOR <b>BTA Oil Producers</b>		ADDRESS <b>104 South Pecos, Midland, Texas 79701</b>	
LEASE NAME <b>Harris 686 Ltd.</b>	WELL NO. <b>2</b>	FIELD <b>Middle Allison Penn</b>	COUNTY <b>Lea</b>
LOCATION UNIT LETTER <b>J</b> ; WELL IS LOCATED <b>1980</b> FEET FROM THE <b>South</b> LINE AND <b>1980</b> FEET FROM THE <b>East</b> LINE, SECTION <b>6</b> TOWNSHIP <b>9-S</b> RANGE <b>36-E</b> NMPM.			

CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	<b>12-3/4</b>	<b>381'</b>	<b>375</b>	<b>Cir.</b>	<b>Cir.</b>
INTERMEDIATE	<b>8-5/8</b>	<b>4105'</b>	<b>400</b>	<b>1800'</b>	<b>E St. by C</b>
LONG STRING	<b>5-1/2</b>	<b>13,340</b>	<b>300</b>	<b>11,700'</b>	<b>Tempt., Survey</b>
TUBING	<b>3-1/2</b>	<b>11,900</b>	NAME, MODEL AND DEPTH OF TUBING PACKER <b>Arrow -AR-3- 11900'</b>		
NAME OF PROPOSED INJECTION FORMATION <b>Devonian</b>			TOP OF FORMATION <b>13,330</b>		BOTTOM OF FORMATION <b>13,407</b>
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? <b>Tbg.</b>			PERFORATIONS OR OPEN HOLE? <b>OH 13,340 - 13,507</b>		
PROPOSED INTERVAL(S) OF INJECTION <b>13,340 - 13,507</b>			HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? <b>No</b>		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? <b>Deepened for Disposal</b>					
IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? <b>Test Bo C production</b>					
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH <b>None</b>					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA <b>300'</b>		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA <b>9900'</b>		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA <b>None</b>	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) <b>12000</b>	MINIMUM <b>15000</b>	MAXIMUM <b>15000</b>	OPEN OR CLOSED TYPE SYSTEM <b>Closed</b>	IS INJECTION TO BE BY GRAVITY OR PRESSURE? <b>psi</b>	APPROX. PRESSURE (PSI) <b>650#</b>
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 - <b>Yes</b>			WATER TO BE DISPOSED OF <b>Bough C (Penn)</b>		
NATURAL WATER IN DISPOSAL ZONE <b>Salty</b>			ARE WATER ANALYSES ATTACHED? <b>Yes</b>		
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) <b>F. C. Bonds, Crossroads, N. M. 88125</b>					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL <b>Tenneco Oil Company, Wilco Bldg., Box 1031, Midland, Texas 79701</b>					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? <b>Yes</b>					
SURFACE OWNER <b>Yes</b>		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL <b>Yes</b>		THE NEW MEXICO STATE ENGINEER <b>Yes</b>	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) <b>Yes</b>		ELECTRICAL LOG <b>Yes</b>		DIAGRAMMATIC SKETCH OF WELL <b>Yes</b>	

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

(Signature)

Production Supt.

(Title)

March 5, 1969

(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.