

## NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR <b>Tenneco Oil Company</b>		ADDRESS <b>Suite 1200 Lincoln Twr., Denver, CO 80203</b>			
LEASE NAME <b>Lone Pine Dakota "D" Unit</b>	WELL NO. <b>26</b>	FIELD <b>Lone Pine</b>	COUNTY <b>McKinley</b>		
LOCATION UNIT LETTER <b>D</b> ; WELL IS LOCATED <b>660</b> FEET FROM THE <b>North</b> LINE AND <b>660</b> FEET FROM THE <b>West</b> LINE, SECTION <b>19</b> TOWNSHIP <b>17 North</b> RANGE <b>9 West</b> NMPM.					
CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	<b>8 5/8"</b>	<b>65'</b>	<b>40</b>	<b>Surface</b>	<b>Circulation</b>
INTERMEDIATE					
LONG STRING	<b>5 1/2"</b>	<b>2843'</b>	<b>300</b>	<b>1510'</b>	<b>Vol. Calc.</b>
TUBING	<b>2 7/8"</b>	<b>1730'</b>	NAME, MODEL AND DEPTH OF TUBING PACKER <b>Baker Model D 1700'</b>		
NAME OF PROPOSED INJECTION FORMATION <b>Gallup</b>		TOP OF FORMATION <b>1760'</b>		BOTTOM OF FORMATION <b>1862</b>	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? <b>Tubing</b>		PERFORATIONS OR OPEN HOLES? <b>Perfs</b>		PROPOSED INTERVAL(S) OF INJECTION <b>1762-1802</b>	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? <b>No</b>		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? <b>Dakota "D" Producer</b>		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? <b>yes</b>	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH					
<b>Dakota "D"-100 Sax</b>		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA <b>Upper Hospah-1750'</b>		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA <b>Dakota "A" 2675'</b>	
ANTICIPATED DAILY INJECTION VOLUME (BBL/S.)	MINIMUM <b>1050</b>	MAXIMUM <b>2000</b>	OPEN OR CLOSED TYPE SYSTEM <b>closed</b>	IS INJECTION TO BE BY GRAVITY OR PRESSURE? <b>pressure</b>	APPROX. PRESSURE (PSI) <b>200</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 -			WATER TO BE DISPOSED OF <b>yes</b>	NATURAL WATER IN DISPOSAL ZONE <b>yes</b>	ARE WATER ANALYSES ATTACHED? <b>yes</b>
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) <b>Bureau of Land Mgmt. P. O. Box 1449 Santa Fe, New Mexico</b>					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL <b>None</b>					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?					
SURFACE OWNER <b>Yes</b>		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL <b>Yes</b>			
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAT OF AREA <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.					
<i>William E. Bab-jrk</i> (Signature)		<b>Petroleum Engineer</b> (Title)		<b>9/27/73</b> (Date)	

NOTE: Should waivers from 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.