

## NE MEXICO OIL CONSERVATION COMMISSIO.

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

OPERATOR <u>Jake L. Hamon</u>		ADDRESS <u>908 Vaughn Building, Midland, Texas 79701</u>	
LEASE NAME <u>State B-2330</u>	WELL NO. <u>1</u>	FIELD <u>Shoebar, East Devonian</u>	COUNTY <u>Lea</u>
LOCATION UNIT LETTER <u>C</u> ; WELL IS LOCATED <u>567</u> FEET FROM THE <u>North</u> LINE AND <u>1,977.7</u> FEET FROM THE <u>West</u> LINE, SECTION <u>31</u> TOWNSHIP <u>16-S</u> RANGE <u>36-E</u> NMPM.			

## CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	<u>12-3/4</u>	<u>434</u>	<u>425</u>	<u>Surface</u>	<u>Visual</u>
INTERMEDIATE	<u>9-5/8</u>	<u>4,250</u>	<u>500</u>	<u>Est. 3,000</u>	<u>Calculated</u>
LONG STRING	<u>5-1/2</u>	<u>10,558</u>	<u>1st stage 300</u> <u>2nd stage 500</u>	<u>4,600</u>	<u>Cement Bond Log</u>
TUBING	<u>2-3/8</u>	<u>10,415</u>	NAME, MODEL AND DEPTH OF TUBING PACKER <u>Baker Model "R" at 10,415</u>		

NAME OF PROPOSED INJECTION FORMATION <u>Pennsylvanian &amp; Devonian</u>		TOP OF FORMATION <u>10,492</u>	BOTTOM OF FORMATION <u>13,100</u>
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? <u>Tubing</u>		PERFORATIONS OR OPEN HOLE <u>Perforations and open hole</u>	PROPOSED INTERVAL(S) OF INJECTION <u>10,492-10,517; 10,558-13,100</u>
IS THIS A NEW WELL DRILLED FOR DISPOSAL? <u>No</u>	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? <u>Oil</u>		HAS WELL EVER BEEN PERFORATED IN A ZONE OTHER THAN THE PROPOSED INJECTION ZONE? <u>Yes</u>

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH

5,900-6,100; 10,300-14; 10,322-38; 10,492-10,517

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA <u>300</u>		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA <u>Leamex, Shoebar Field, 1-3/4 mi. West</u>		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA <u>None</u>	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) <u>100</u>	MINIMUM <u>1,500</u>	MAXIMUM <u>Closed</u>	OPEN OR CLOSED TYPE SYSTEM <u>Pressure</u>	IS INJECTION TO BE BY GRAVITY OR PRESSURE? <u>Pressure</u>	APPROX. PRESSURE (PSI) <u>1,500</u>
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 - <u>Yes</u>			WATER TO BE DISPOSED OF <u>Yes</u>		NATURAL WATER IN DISPOSAL ZONE <u>Yes</u>
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) <u>Mr. Scharbauer Eidson, Box 1286, Lovington, New Mexico 88260</u>			ARE WATER ANALYSES ATTACHED? <u>No</u>		

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL			
<u>Ashmun &amp; Hilliard, 310 W. Texas, Suite 418, Midland, Texas 79701</u>			
<u>Mobil Oil Company, Box 1800, Hobbs, New Mexico 88240</u>			
<u>Humble Oil &amp; Refining Company, Box 2100, Hobbs, New Mexico 88240</u>			
<u>Getty Oil Company, Box 249, Hobbs, New Mexico 88240</u>			

HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? <u>Yes (State)</u>	SURFACE OWNER <u>Yes (State)</u>	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL <u>Yes</u>	THE NEW MEXICO STATE ENGINEER <u>Yes</u>
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) <u>No-already in your file</u>	PLAT OF AREA <u>No-already in your file</u>	ELECTRICAL LOG <u>No-already in your file</u>	DIAGRAMMATIC SKETCH OF WELL <u>Yes</u>

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

(Signature)

Production Superintendent  
(Title)April 10, 1972  
(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.

Water would be injected principally into the Devonian formation below water level in the Shoebar, East Devonian Field.

OIL CONSERVATION COMM.  
HOBBS, N. M.

APR 11 1970

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