

JAKE L. HAMON

OIL PRODUCER

908 VAUGHN BUILDING

MIDLAND, TEXAS

September 5, 1969

SEP 6 1969

State of New Mexico  
Oil Conservation Commission  
Mr. J.E. Kapteina  
Box 2088  
Santa Fe, New Mexico 87501

Gentlemen:

Enclosed are three (3) copies each of a Form C-108 and Diagrammatic Sketch of Proposed Completion for the Jake L. Hamon No. 1 State B-2330. Plats and logs for this well are already in your file.

On August 12, 1969 you granted Administrative Order No. SWD-105 on this same well for injection of salt water into the Lower San Andres at approximately 5900-6110 feet. This zone was perforated and acidized and will not take fluid except at the extremely high pressure of 3800 psi.

By log analysis all zones below the San Andres appear to be tight down to the Leamex (Pennsylvanian) at 10,492'. The zone 10,492-10,517' was perforated previously in this well and swabbed salt water with no show of oil or gas. This well is down dip from the Shoebar Field 1-3/4 miles West which produces from the Leamex zone. The top perforation open in the Jake L. Hamon No. 1 State B-2330 is 122' low to the base of the producing interval in the Sinclair No. 3-A Eidson which is the highest well in the Shoebar Field and which is already producing approximately 50% salt water.

We therefore request that an Administrative Order be granted for Jake L. Hamon to inject salt water into the State B-2330 No. 1 through perforations 10,492-10,517' and open hole 10,558-10,620'.

Please notify me of your decision by telephone at 915-682-5218 as discussed in our conversation of September 3, 1969. Thank you for your prompt consideration of this matter.

Yours very truly,

Jake L. Hamon

By:

H.W. Shaw

Production Superintendent

HWS/jwp

encls

cc: Chester Phillips  
Joe Ramey - Hobbs, New Mexico

## NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Jake L. Hamon		ADDRESS 908 Vaughn Building, Midland, Texas 79701	
LEASE NAME State B-2330	WELL NO. 1	FIELD Shoe Bar, East Penn. Ext.	COUNTY Lea
LOCATION UNIT LETTER <u>C</u> ; WELL IS LOCATED <u>1977.7</u> FEET FROM THE <u>West</u> LINE AND <u>560</u> FEET FROM THE <u>North</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	12-3/4"	434	425	Surface	Visual
INTERMEDIATE	9-5/8"	4250	500	Est. 3000	Calculated
LONG STRING	5-1/2"	10558	1st Stage 300 2nd Stage 500	4600	Cement Bond Log
TUBING	2-3/8"	10415	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model R @ 10,415'		

NAME OF PROPOSED INJECTION FORMATION Pennsylvanian		TOP OF FORMATION 10,492'	BOTTOM OF FORMATION 10,620'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLES? Perforations & Open hole	PROPOSED INTERVAL(S) OF INJECTION 10,492-10,517; 10,558-10,620'
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil		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 5900-6110; 10,300-14; 10,322-38; 10,492-10,517';			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 300	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA * See Note Below	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA Devonian @ 13,000'	

ANTICIPATED DAILY INJECTION VOLUME (BBL'S.) 100	MINIMUM 100	MAXIMUM 500	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure if necessary	APPROX. PRESSURE (PSI) 1500
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 (Devonian Water)	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Mr. Scharbauer Eidson, Box 1286, Lovington, New Mexico 88260
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LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Ashmun & Hilliard, 310 W. Texas, Suite 418, Midland, Texas 79701 Mobil Oil Company, Box 1800, Hobbs, New Mexico 88240 Humble Oil & Refining Company, Box 2100, Hobbs, New Mexico 88240 Getty Oil Company, Box 249, Hobbs, New Mexico 88240
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HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Yes (State)	SURFACE OWNER Yes (State)	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	THE NEW MEXICO STATE ENGINEER Yes
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) No-already in your file	PLAT OF AREA No-already in your file	ELECTRICAL LOG No-already in your file	DIAGRAMMATIC SKETCH OF WELL Yes

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

(Signature)

Production Superintendent

(Title)

September 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.

\*Leamex zone in Shoe bar Field, 1-3/4 mile west; B/Leamex 10,396'(-6418') 122' high to top injection perforation in Jake L. Hamon # 1 State B-2330. Shoebar wells already produced 50% salt water

Diagrammatic Sketch of Proposed Completion  
 State B-2330 No. 1 Salt Water Disposal Well  
 Section 31, T-16-S, R-36-E, Lea County

