



# CONTINENTAL OIL COMPANY

*Case 3988*

P. O. Box 460  
Hobbs, New Mexico  
September 27, 1968

✓ New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Attention of Mr. A. L. Porter, Jr.  
Secretary-Director

Re: Application to Install a  
Pilot Waterflood Project  
in the North Mason-Dela-  
ware Pool, Lea County,  
New Mexico

Gentlemen:

Forwarded herewith in triplicate is completed Form C-108 requesting authority to install a pilot water flood project in the North Mason Delaware Pool by injecting into its Thompson Federal 19 No. 2.

Please set this matter for hearing on your October 23, 1968 Examiner docket.

Yours very truly,

A handwritten signature in dark ink, appearing to read "S. C. Johnson".

VTL-JS  
CC: RLA JJB JWK

**DOCKET MAILED**

Date 10-11-68

## NEW MEXICO OIL CONSERVATION COMMISSION


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

OPERATOR Continental Oil Company		ADDRESS Box 460 Hobbs, New Mexico	
LEASE NAME Thompson Federal 19	WELL NO. 2	FIELD North Mason	COUNTY Lea
LOCATION UNIT LETTER <u>F</u> ; WELL IS LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>19</u> TOWNSHIP <u>26</u> RANGE <u>32</u> NMPM.			

## CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8 5/8"	1014	350	surface	Circ.
INTERMEDIATE					
LONG STRING	5 1/2	4321	350	3080	Temp. log
TUBING	2 3/8	Approx 4250'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Tension Model AD or equivalent at 4250		
NAME OF PROPOSED INJECTION FORMATION Delaware Sand			TOP OF FORMATION 4290		BOTTOM OF FORMATION 5400
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? tubing		PERFORATIONS OR OPEN HOLE? perforations		PROPOSED INTERVAL(S) OF INJECTION 4303-4307	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? producing oil well			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 4302-4306, 4312-4313, 4315-4316, squeezed with 105 sks, cement.					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA Est. 300'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA none		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA none	
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 150	MINIMUM 250	OPEN OR CLOSED TYPE SYSTEM closed		IS INJECTION TO BE BY GRAVITY OR PRESSURE? pressure	APPROX. PRESSURE (PSI) 1000
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		NATURAL WATER IN DISPOSAL ZONE yes	ARE WATER ANALYSES ATTACHED? no
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) USA Lessee: M. R. & Ellen Kate Madera, Box 94, Ocala, Texas					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Texaco, Inc. Box 728, Hobbs, New Mexico					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? no		SURFACE OWNER no		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL no	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) yes		PLAT OF AREA yes		ELECTRICAL LOG no	
				THE NEW MEXICO STATE ENGINEER no	
				DIAGRAMMATIC SKETCH OF WELL no	

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

  
 (Signature)

Asst. Division Manager

(Title)

September 26, 1968

(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.

