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BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION OF TENNECO OIL COMPANY  
TO DISPOSE OF SALT WATER BY PRESSURE  
INJECTION INTO THE QUEEN FORMATION  
KEMNITZ (WOLFCAMP) FIELD THROUGH ITS  
KEMNITZ (WOLFCAMP) UNIT WELL 30 SWD  
LOCATED IN SECTION 30, Township 16 SOUTH  
RANGE 34 EAST LEA COUNTY, NEW MEXICO

SWD-61

*Handwritten signature/initials*

Comes now Tenneco Oil Company and applies to the New Mexico Oil Conserva-  
tion Commission for permission to dispose of salt water by pressure injection  
into the Queen Formation through its Kemnitz (Wolfcamp) Unit Well 30 SWD  
located in Section 30, Township 16 South, Range 34 East, Lea County, New  
Mexico. Attached to this Application and made a part hereof are the follow-  
ing Exhibits:

- A. A plat of the proposed injection well which shows the location  
and formation of all other wells in a radius of two miles from  
said proposed injection well.
- B. Log of proposed injection well.
- C. Diagrammatic Sketch of the proposed injection well.
- D. Form C-108 of the New Mexico Oil Conservation Commission.

A copy of this Application along with all attached exhibits has been  
sent to the State Engineer's Office, Capitol Building, Santa Fe, New Mexico,  
Attention Mr. Frank Irby.

WHEREFORE Applicant requests that the Commission approve said applica-  
tion administratively or, if necessary, by public hearing.

WHITE, GILBERT, KOCH & KELLY

By *W. B. Kelly*  
Attorneys for Tenneco Oil Company

WHITE, GILBERT, KOCH & KELLY  
ATTORNEYS AT LAW  
P. O. BOX 787  
SANTA FE, NEW MEXICO

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>P. O. Box 1031 Midland, Texas</b>	
LEASE NAME <b>Kemnitz (Wolfcamp) Unit</b>	WELL NO. <b>30 SWD</b>	FIELD <b>Kemnitz (Wolfcamp)</b>	COUNTY <b>Lea</b>
LOCATION UNIT LETTER <b>I</b> ; WELL IS LOCATED <b>660</b> FEET FROM THE <b>east</b> LINE AND <b>1980</b> FEET FROM THE <b>South</b> LINE, SECTION <b>30</b> TOWNSHIP <b>16-S</b> RANGE <b>34-E</b> NMPM.			
<b>CASING AND TUBING DATA</b>			
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING	<b>13-3/8" OD</b>	<b>358'</b>	<b>400</b>
INTERMEDIATE	<b>8-5/8" OD</b>	<b>4548'</b>	<b>2300</b>
LONG STRING	<b>5-1/2" OD</b>	<b>10,537'</b>	<b>230</b>
TUBING	<b>2-3/8" OD</b>	<b>10,320'</b>	NAME, MODEL AND DEPTH OF TUBING PACKER <b>Guiberson KAV @ 10,250' Guiberson KVL @ 10,320'</b>
NAME OF PROPOSED INJECTION FORMATION <b>Queen</b>		TOP OF FORMATION <b>3688'</b>	BOTTOM OF FORMATION <b>3997'</b>
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? <b>tubing</b>		PERFORATIONS OR OPEN HOLE? <b>perforations</b>	PROPOSED INTERVAL(S) OF INJECTION <b>3690-3740'</b>
IS THIS A NEW WELL DRILLED FOR DISPOSAL? <b>no</b>	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? <b>oil production in Wolfcamp</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>Perforations 10,288-10,295' Open hole 10,537'-10,970'</b>			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA <b>above 300'</b>	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA <b>none</b>		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA <b>9723' Wolfcamp</b>
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) <b>500</b>	MINIMUM <b>1000</b>	MAXIMUM <b>open</b>	IS INJECTION TO BE BY GRAVITY OR PRESSURE? <b>pressure</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>yes</b>	NATURAL WATER IN DISPOSAL ZONE <b>yes</b>
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) <b>Mrs. Jennie Martin 210 South Eight St. Artesia, New Mexico</b>		APPROX. PRESSURE (PSI) <b>1500 psi</b>	
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL <b>None other than Tenneco Oil Company</b>			
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? <b>yes</b>		SURFACE OWNER <b>yes</b>	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) <b>yes</b>		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL <b>no</b>	
		ELECTRICAL LOG <b>yes</b>	
		THE NEW MEXICO STATE ENGINEER <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.

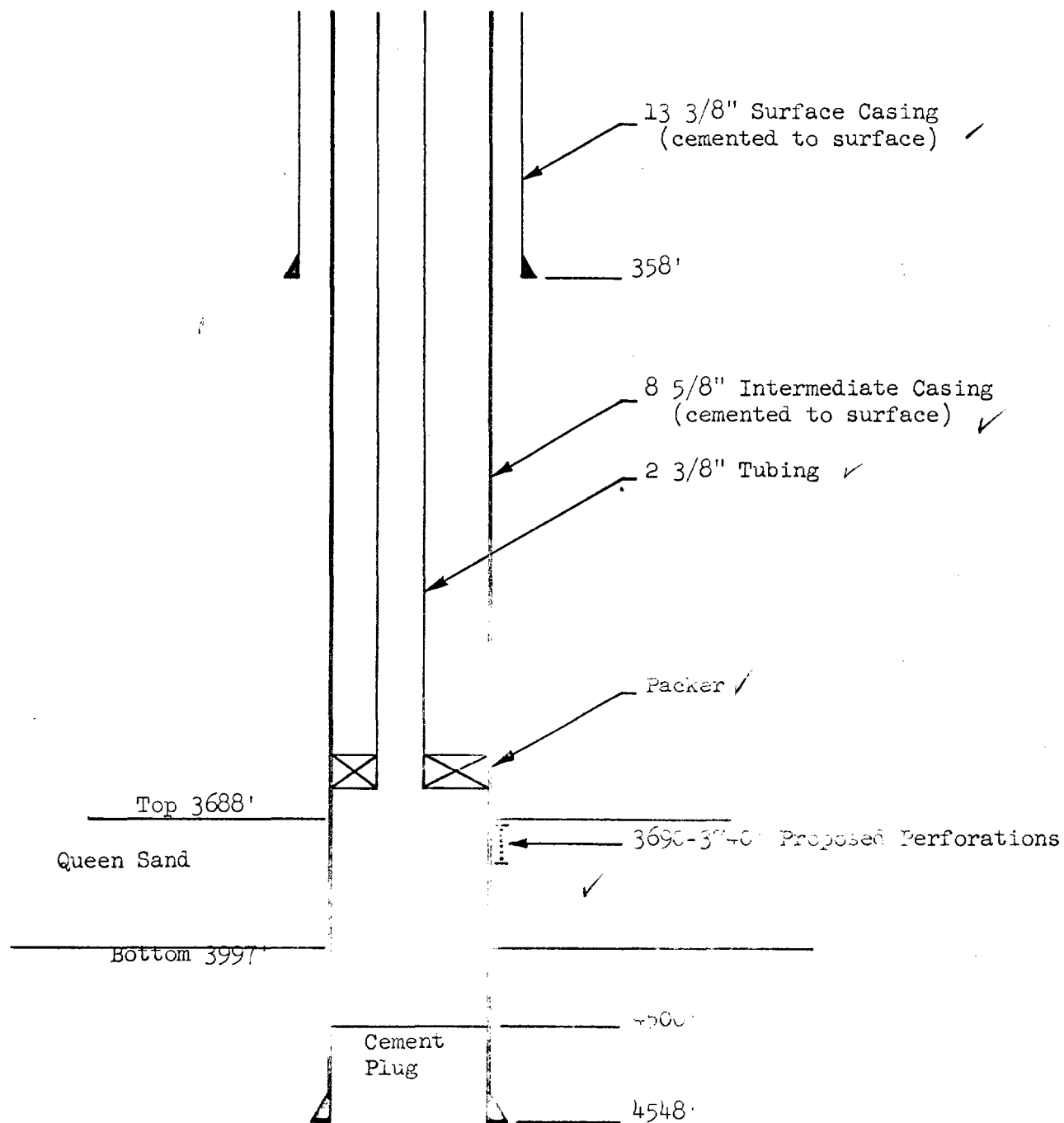
(Signature) **J. F. Carnes**

**District Production Engineer**  
(Title)

**August 4, 1966**  
(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.





TENNECO OIL COMPANY  
SUBSIDIARY OF TENNECO CORPORATION

KEMNITZ FIELD  
Lea County, New Mexico

DIAGRAMMATIC SKETCH  
PROPOSED SALTWATER DISPOSAL WELL  
KEMNITZ (WOLFCAMP) UNIT 30-SWD

No Scale



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS  
STATE ENGINEER

September 8, 1966

ADDRESS CORRESPONDENCE TO:  
STATE CAPITOL  
SANTA FE, NEW MEXICO 87501

Mr. A. L. Porter, Jr.  
Secretary-Director  
Oil Conservation Commission  
Santa Fe, N. M.

Dear Mr. Porter:

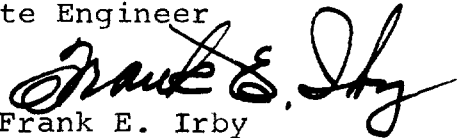
Reference is made to the application of Tenneco Oil Company which seeks to dispose of salt water by pressure injection into the Queen formation through its Kemnitz (Wolfcamp) Unit Well 30 located in Sec. 30, T. 16 S., R. 34 E.

After reviewing the application and the exhibits attached thereto, I find no reason to object to the granting of this application.

FEI/ma  
cc-W. B. Kelly  
F. H. Hennighausen

Yours truly,

S. E. Reynolds  
State Engineer

By:   
Frank E. Irby  
Chief  
Water Rights Div.



