

OIL CONSERVATION COMMISSION  
Aztec DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE April 24, 1979

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD ✓ \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated April 24, 1979  
for the John E. Staver Suble Mon #22 N-34-28N-17-W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

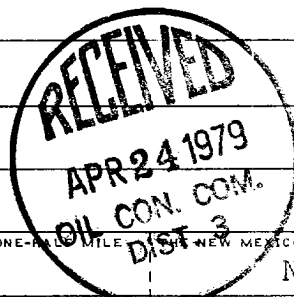
Require tubing and packer with leak detection  
device on annulus. Order should specify that  
only water produced from the Dakota formation  
may be disposed of in this well.

Yours very truly,

Frank E. Chaff

NEW MEXICO OIL CONSERVATION COMMISSION  
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR <b>JOHN F. STAVER</b>		ADDRESS <b>P.O.Box 51, Farmington, N.M. 87401</b>	
LEASE NAME <b>Table Mesa</b>	WELL NO. <b>22</b>	FIELD <b>Table Mesa</b>	COUNTY <b>San Juan</b>
LOCATION UNIT CENTER _____; WELL IS LOCATED <b>660</b> FEET FROM THE <b>South</b> LINE AND <b>1980</b> FEET FROM THE <b>West</b> LINE, SECTION <b>34</b> TOWNSHIP <b>28N</b> RANGE <b>17W</b> NMPM.			

CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
INTERMEDIATE					
LONG STRING	<b>5 1/2"</b>	<b>1408</b>		<b>Surface</b>	<b>Circulated</b>
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		
NAME OF PROPOSED INJECTION FORMATION <b>Dakota</b>			TOP OF FORMATION <b>1408</b>	BOTTOM OF FORMATION <b>1412</b>	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? <b>Casing</b>		PERFORATIONS OR OPEN HOLE? <b>Open Hole</b>	PROPOSED INTERVAL(S) OF INJECTION <b>1408-1412</b>		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? <b>No</b>	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? <b>Production</b>			HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? <b>No</b>	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA		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>6740</b>	
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) <b>300</b>	MINIMUM <b>200</b>	MAXIMUM <b>400</b>	OPEN OR CLOSED TYPE SYSTEM <b>Open</b>	IS INJECTION TO BE BY GRAVITY OR PRESSURE? <b>Pressure</b>	APPROX. PRESSURE (PSI) <b>100#</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>Fresh</b>	NATURAL WATER IN DISPOSAL ZONE <b>Yes</b>	ARE WATER ANALYSES ATTACHED? <b>No</b>
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) <b>Navajo</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>No</b>		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL <b>None</b>		NEW MEXICO STATE ENGINEER <b>No</b>
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA <b>Yes</b>		ELECTRICAL LOG <b>None</b>		DIAGRAMMATIC SKETCH OF WELL <b>Yes</b>

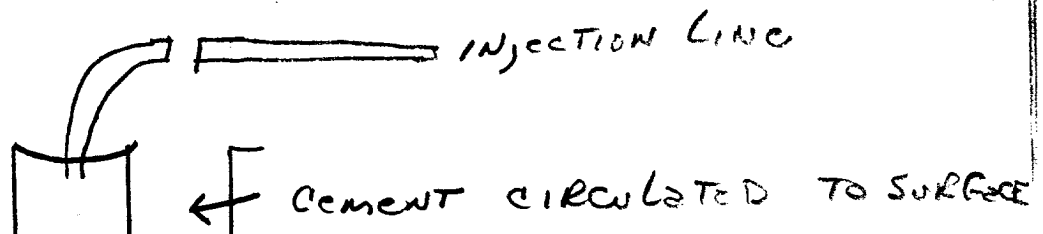
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

(Title)

(Date)

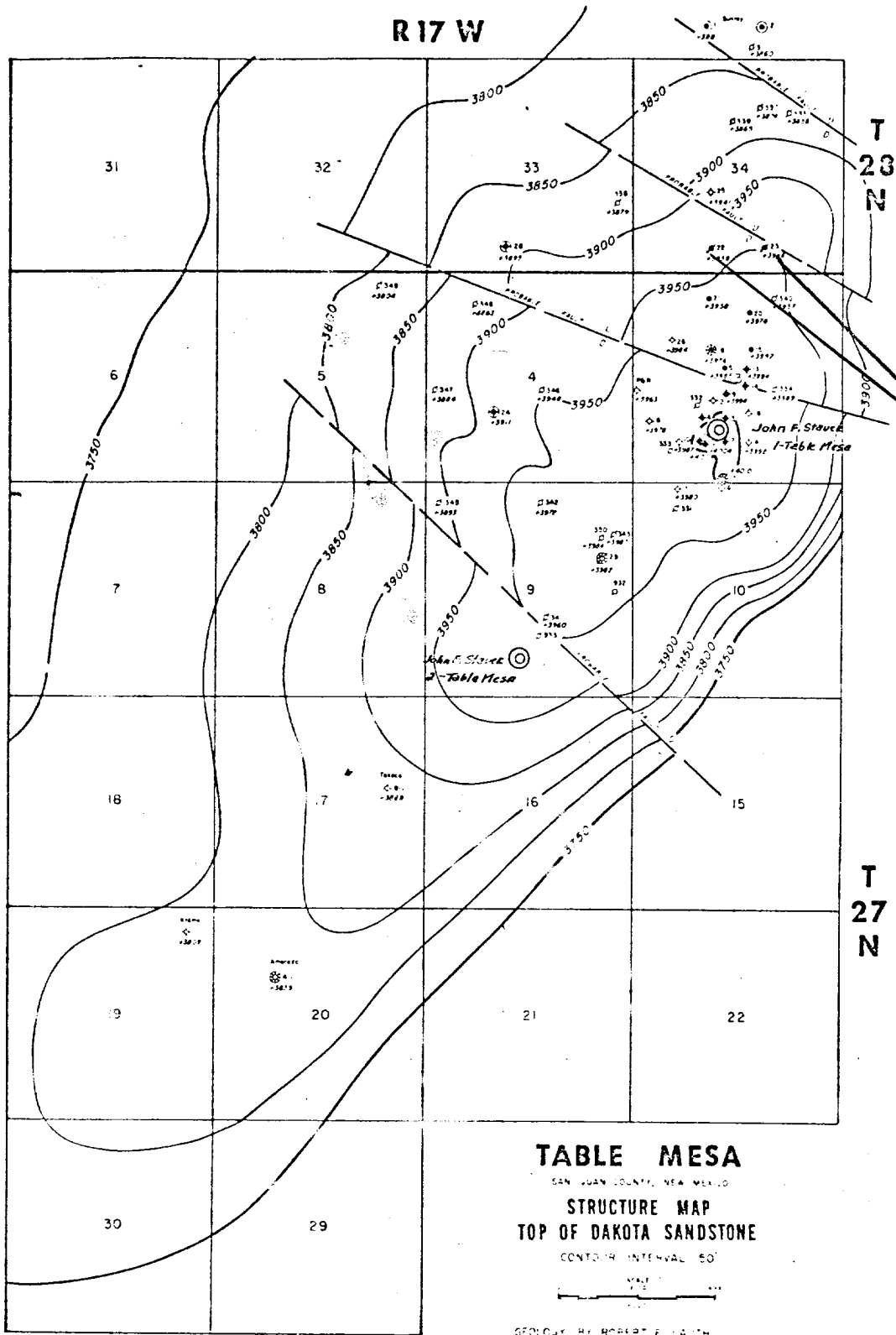
NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well, not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's 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.



WATER TO be  
INJECTED is produced  
From same  
Dakota Formation  
IN Sec. 3 T28N R17W

JOHN. STAUER  
Table MESA #22  
Sec. 34 T28N R17W

✓ 5 1/8" casing 1408'  
4' of open  
hole Dakota Formation  
✓ 7 7/8" hole 1412' T.D.



**TABLE MESA**  
 SAN JUAN COUNTY, NEW MEXICO  
**STRUCTURE MAP**  
**TOP OF DAKOTA SANDSTONE**  
 CONTOUR INTERVAL 50'  
 SCALE 1" = 1 MILE  
 GEOLOGY BY ROBERT E. SMITH  
 CORRECTED MAP BY R. E. SMITH  
 FEBRUARY, 1949

Proposed injection well's  
 #22 & #23 No other operators  
 within 3 miles