

OIL CONSERVATION COMMISSION
Albuquerque DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE April 24, 1979

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD X _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated April 24, 1979
for the John F. Starnes Sable Mesa #23 O-34-28N-17W
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 produced
in this well.

Yours very truly,

Frank E. Chang

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

OPERATOR JOHN F. STAVER		ADDRESS P.O.Box 51, Farmington, N.M. 87401	
LEASE NAME Table Mesa	WELL NO. 23	FIELD Table Mesa	COUNTY San Juan
LOCATION UNIT LETTER _____; WELL IS LOCATED 625 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE. SECTION 34 TOWNSHIP 28N RANGE 17W NMPM.			
CASING AND TUBING DATA			
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING			
INTERMEDIATE			
LONG STRING	5 1/2"	1401	
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER
NAME OF PROPOSED INJECTION FORMATION Dakota		TOP OF FORMATION 1394	BOTTOM OF FORMATION 1400
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Casing		PERFORATIONS OR OPEN HOLE? Open Hole	PROPOSED INTERVAL(S) OF INJECTION 1394-1400
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Production		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No
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 None	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 6740
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 300	MINIMUM 200	MAXIMUM 400	OPEN OR CLOSED TYPE SYSTEM Open
IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure		APPROX. PRESSURE (PSI) 100#	
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 Fresh	NATURAL WATER IN DISPOSAL ZONE yes
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Navajo		ARE WATER ANALYSES ATTACHED? no	
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL NONE			
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		THE NEW MEXICO STATE ENGINEER	
No		No	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		ELECTRICAL LOG	DIAGRAMMATIC SKETCH OF WELL
Yes		None	Yes

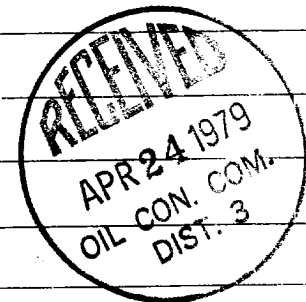
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(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 re-



WATER TO BE INJECTED
IS PRODUCED FROM
SAME DAKOTA FORMATION
IN SEC. 3 T27N R17W

FRAC KNOTCH
1394' - 1400' IN
DAKOTA FORMATION

INJECTION LINE

CEMENTED TO SURFACE

JOHN STUCK
Table MESA #23
SEC 34 - T28N - R17W

5 1/2" CASING 1400'
→ 7 7/8" hole 1400'

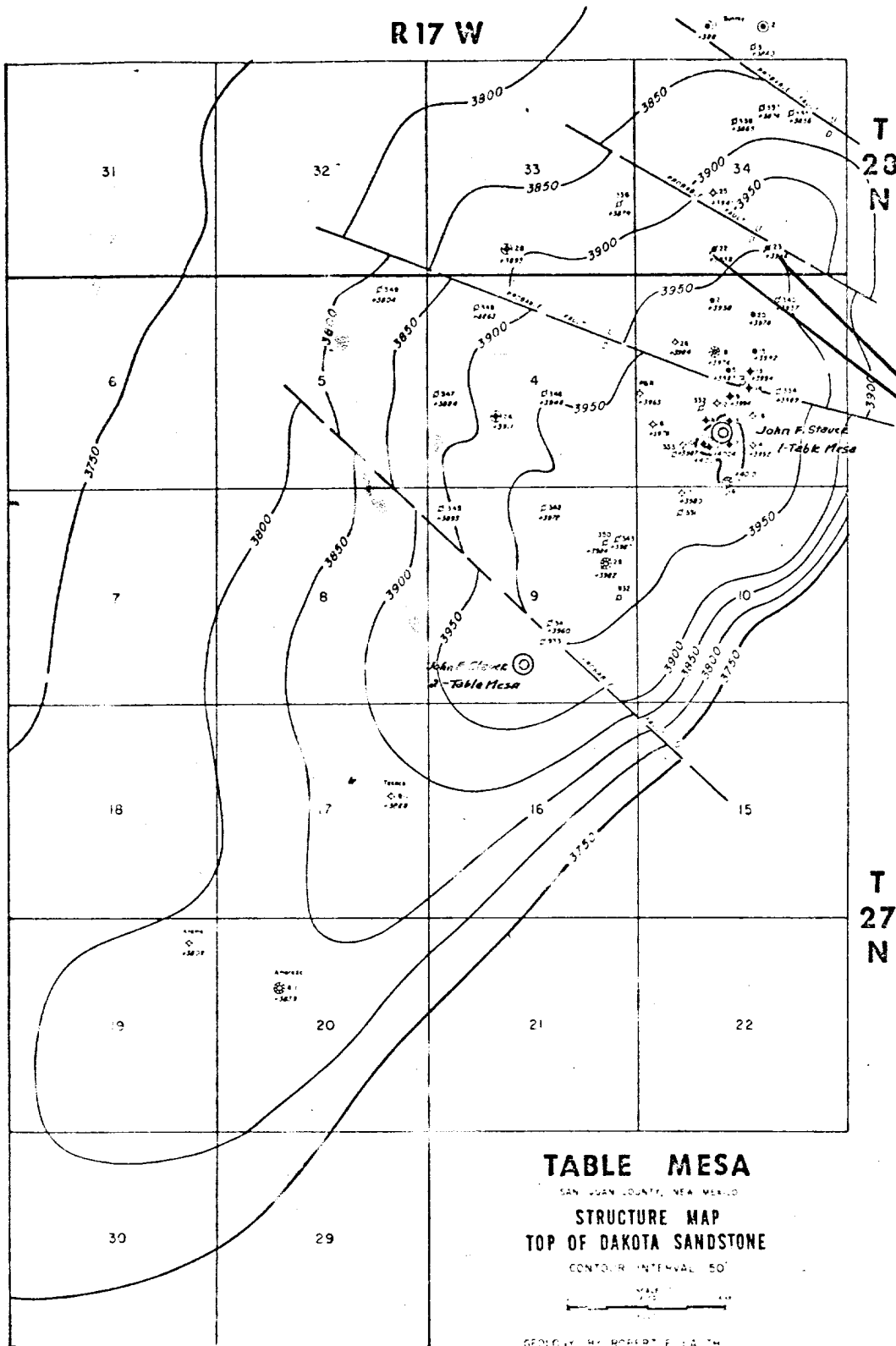


TABLE MESA
 SAN JUAN COUNTY, NEW MEXICO
STRUCTURE MAP
TOP OF DAKOTA SANDSTONE
 CONTOUR INTERVAL 50'
 GEOL. BY H. H. ROBERTS & L. L. THOMAS
 CERTIFIED MECHANICAL, 1910
 FEBRUARY, 1910

Proposed injection well's
 #22 & #23 NO OTHER OPERATORS
 WITHIN 2 miles