



TEXAS AMERICAN OIL CORPORATION

OIL PRODUCERS

MIDLAND, TEXAS 79701

June 1, 1971

*SWD 120*

*Have June 17*

Mr. D. S. Nutter  
Chief Engineer  
New Mexico Oil Conservation  
Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. Nutter:

The attached amended application to dispose of salt water into the Bell Canyon sand of the Delaware in the Texas American Oil Corporation Todd "26" Federal No. 3 is enclosed.

The diagramatic sketch shows a 40 sack cement plug from 5700' to 5800'. This will confine the injection into a formation non-productive of oil and gas within a radius of two miles.

Yours very truly,

*Roy K. Valla*

Roy K. Valla  
Production Manager

RKV:ss

Encls.

cc: United States Geological Survey - Artesia (w/encls.)

**OIL CONSERVATION COMMISSION**

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

June 17, 1971

C  
O  
P  
Y  
  
Texas American Oil Corporation  
300 West Wall  
Suite 1012  
Midland, Texas 79701

Gentlemen:

Enclosed herewith please find Administrative Order No. SWD-120 for your Todd "26" Federal Well No. 3 located in Unit F of Section 26, Township 23 South, Range 31 East, NMPM, Eddy County, New Mexico,

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ALP/JEK/og

cc: Oil Conservation Commission - Artesia  
Oil & Gas Engineering Committee - Hobbs

OIL CONSERVATION COMMISSION

P. O. BOX 5088

SANTA FE, NEW MEXICO 87501

June 11, 1971

Mr. J. B. ...

Dear Sir:

I am writing to you regarding the ...

Sincerely,  
[Signature]

Very truly yours,  
[Signature]

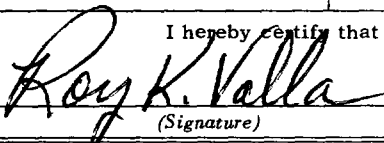
## NEW MEXICO OIL CONSERVATION COMMISSION

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

100 0 25

OPERATOR <b>Texas American Oil Corporation</b>		ADDRESS <b>1012 Midland Savings Building</b>			
LEASE NAME <b>Todd "26" Federal</b>	WELL NO. <b>3</b>	FIELD <b>Sand Dunes Cherry Canyon</b>	COUNTY <b>Eddy</b>		
LOCATION UNIT LETTER <b>F</b> ; WELL IS LOCATED <b>1980</b> FEET FROM THE <b>north</b> LINE AND <b>1980</b> FEET FROM THE <b>west</b> LINE, SECTION <b>26</b> TOWNSHIP <b>23</b> RANGE <b>31</b> NMPM.					
CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	<b>9-5/8</b>	<b>603'</b>	<b>230</b>	<b>surface</b>	<b>circulated</b>
INTERMEDIATE					
LONG STRING	<b>4-1/2</b>	<b>4390</b>	<b>1500</b>	<b>550'</b>	<b>calculated volume</b>
TUBING	<b>Plastic Coated 2-3/8</b>	<b>4350</b>	NAME, MODEL AND DEPTH OF TUBING PACKER <b>Model A Baker at 4350'</b>		
NAME OF PROPOSED INJECTION FORMATION <b>Bell Canyon (Delaware)</b>		TOP OF FORMATION <b>4418</b>		BOTTOM OF FORMATION <b>4457</b>	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? <b>Tubing</b>		PERFORATIONS OR OPEN HOLE? <b>Open Hole</b>		PROPOSED INTERVAL(S) OF INJECTION <b>4390-6048</b>	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? <b>No</b>		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? <b>Cherry Canyon tested Dry &amp; Abandoned</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 <b>-</b>					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA <b>None</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>13,679' - 13,907' Gas</b>	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) <b>850</b>	MINIMUM <b>800</b>	MAXIMUM <b>900</b>	OPEN OR CLOSED TYPE SYSTEM <b>Closed</b>	IS INJECTION TO BE BY GRAVITY OR PRESSURE? <b>Pressure</b>	APPROX. PRESSURE (PSI) <b>500</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>Mineralized</b>	NATURAL WATER IN DISPOSAL ZONE <b>Mineralized</b>	ARE WATER ANALYSES ATTACHED? <b>No</b>
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) <b>W. O. James, 1504 Lincoln Drive, Carlsbad, New Mexico</b>					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL <b>Texas American Oil Corporation operator in Sections 22, 23, 24, 25, 27, 34, 35, and 36.</b>					
<b>RECEIVED</b>					
<b>MAY 24 1971</b>					
<b>O. C. C.</b> <b>ARTESIA, OFFICE</b>					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER <b>Yes</b>		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL <b>Yes</b>		THE NEW MEXICO STATE ENGINEER <b>Copy Attached</b>
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA <b>Yes</b>		ELECTRICAL LOG <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)Production Manager  
(Title)May 14, 1971  
(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.

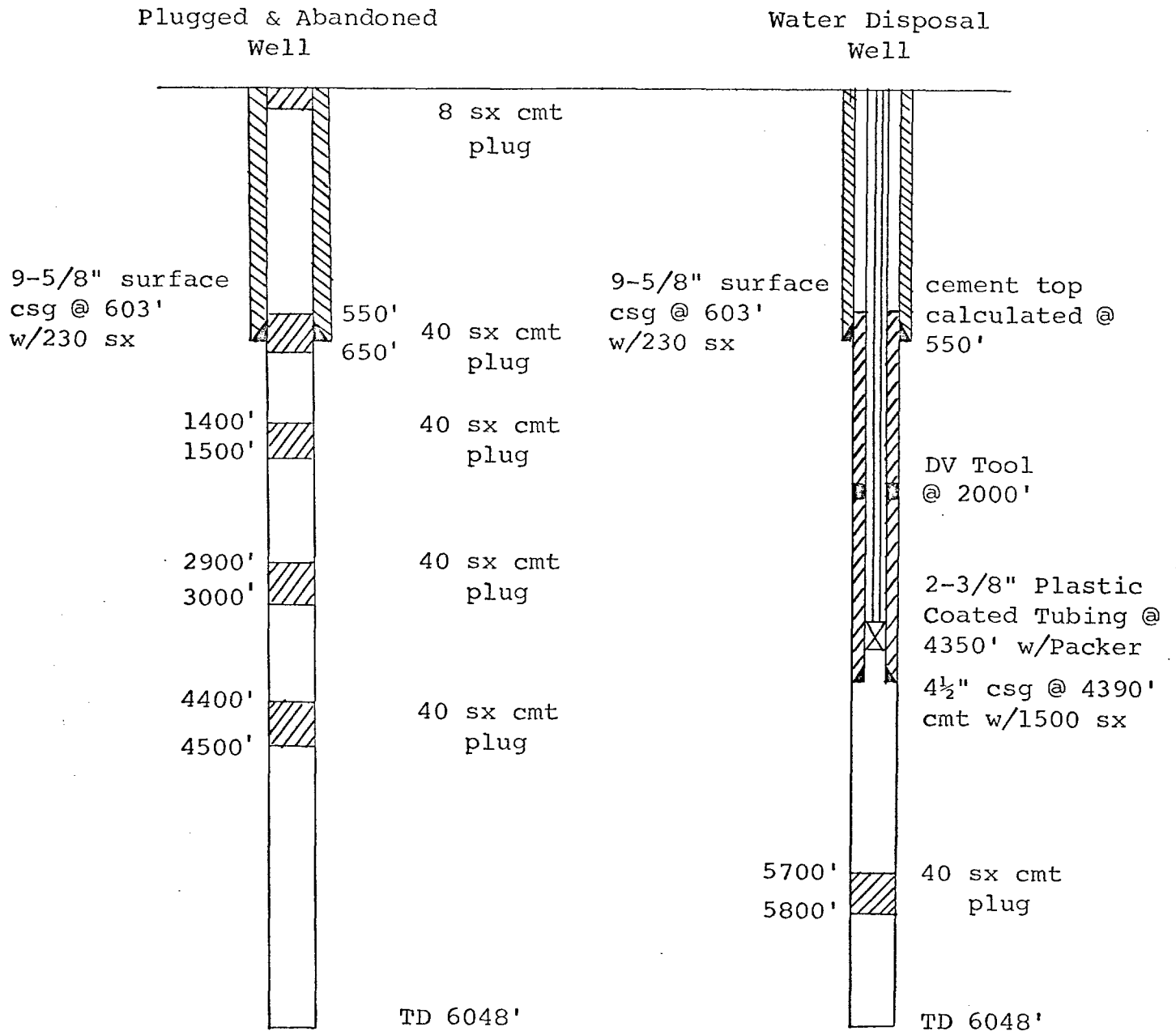
# PROPOSED WATER DISPOSAL WELL

TEXAS AMERICAN OIL CORPORATION

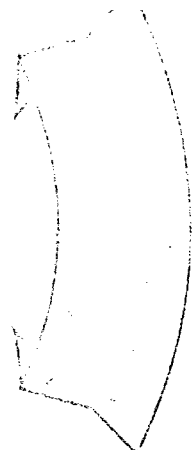
Todd 26 Federal No. 3

Section 26, T-23-S, R-31-E

Eddy County, New Mexico



ILLEGIBLE



COLLECTED BY: [illegible]  
DATE: [illegible]

COMPANY		WELL		FIELD		COUNTY		STATE	
TEXAS AMERICAN OIL CORPORATION		TOLD FEDERAL 26" W.S.		WILCOCAT		EDDY		NEW MEXICO	
Location 1980' FNL; 1920' F.W.L.		Sec. 26		Twp. 23-S		Rge. 31-E		Office Services: GUARD IES	

Perforated Datum	60	Elev. 3416	Elev. K.B. 3427
Log Measured From	60	11' Ft. Above Perm. Datum	P. 3426
Drilling Measured From	60		3415

Date	1 July 70		
Log No.	ONE		
Depth - Driller	605-8		
Depth - Wireline	605-4		
Depth - Log Meter	603-3		
Top Log Interval	598' F.A.S.E.		
Bottom - Driller	493' 603		
Casing - Weight	8 3/4"		
Casing - Size	Mud		
Type Fluid in Hole			
Dens. - Visc.	10.0 - 139		
pH - Fluid Loss	8.0 - 1.6 ml		
Source of Sample	CIRCULATED		
R. - 1st Meas. Temp.	107 (w) 78°F	(w)	°F
R. - 2nd Meas. Temp.	104 (w) 82°F	(w)	°F
R. - 3rd Meas. Temp.	104 (w) 82°F	(w)	°F
Source Run - R.	MEASURED		
R. - 4th Meas. Temp.	104 (w) 113°F	(w)	°F
Time Since Circ.			
Temp. Spec. Temp.	113°F (w) 8. H.	(w)	°F
Temp. Location	394.5 INCHES	(w)	°F

