

OIL CONSERVATION DIVISION
DISTRICT I

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 10/9/80

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

Gentlemen:

I have examined the application for the:

El Paso Natural Gas Co. Shalworth Estate - Sdk #1-E
Operator Lease and Well No. Unit, S - T - R 33-24-37

and my recommendations are as follows:

OK - Did NOT CHECK ON WELLS WITHIN 1/2 m.

Yours very truly,

/mc

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR El Paso Natural Gas Company		ADDRESS P. O. Box 1492, El Paso, Texas 79978			
LEASE NAME Woolworth Estate - SWD	WELL NO. 1	FIELD Langlie Mattix	COUNTY Lea		
LOCATION UNIT LETTER E ; WELL IS LOCATED 1570 FEET FROM THE North LINE AND 800 FEET FROM THE West LINE, SECTION 33 TOWNSHIP 24-S RANGE 37-E NMPM.					
CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8-5/8"	350'	100 est.	Circulated	
INTERMEDIATE	None				
LONG STRING	4-1/2"	4900' Est.	600 Est.	Circulated	
TUBING	2-7/8"		NAME, MODEL AND DEPTH OF TUBING PACKER Baker @ 4700'		
NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 4300		BOTTOM OF FORMATION 5100	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Perforations		PROPOSED INTERVAL(S) OF INJECTION 4700' to 4800'	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? Yes		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?		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 N/A					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 200'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA Queen		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA Glorieta	
ANTICIPATED DAILY INJECTION VOLUME (BBLS.)	MINIMUM 0	MAXIMUM 750	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Gravity	APPROX. PRESSURE (PSIG) Hydrostatic
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 - Yes			NATURAL WATER IN DISPOSAL ZONE Yes		ARE WATER ANALYSES ATTACHED? Yes
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) El Paso Natural Gas Company, P. O. Box 1492, El Paso, Texas 79978					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Union Texas Petroleum Corp., 1300 Wilco Bldg., Midland, Texas 79701 Amerada Hess Corp., Drawer "D", Monument, New Mexico, 88265					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?		SURFACE OWNER EPNG Co.		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		PLAT OF AREA Yes		ELECTRICAL LOG No	
				DIAGRAMMATIC SKETCH OF WELL Yes	

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

(Signature)

Senior Engineer
(Title)

(Date)

NOTE: Should waivers from 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.



Union Texas Petroleum Corporation

1300 Wilco Building
Midland, Texas 79701

September 26, 1980

El Paso Natural Gas Company
P. O. Box 1492
El Paso, Texas 79978

Attention: Mr. James B. Kelly

Gentlemen:

Union Texas Petroleum Corporation has been advised by El Paso Natural Gas Company of their intentions to drill a salt water disposal well in Unit "E", Section 22, T-24-S, R-37-E, Lea County, New Mexico. As an off-set operator, we hereby waive all objections regarding the drilling of this well and subsequent disposal into the San Andres formation; subject to the approval of the Oil Conservation Commission of the State of New Mexico.

Very truly yours,

UNION TEXAS PETROLEUM CORPORATION

A handwritten signature in cursive script that reads "Floyd S. Houdyshell".

Floyd S. Houdyshell
Production Analyst

FSH:hb

El Paso NATURAL GAS
COMPANY

P. O. BOX 1492
EL PASO, TEXAS 79978
PHONE: 915-543-2600

September 2, 1980

Mr. A. J. Troop
District Production Manager
Amerada Hess Corporation
Drawer "D"
Monument, New Mexico 88265

Dear Sir:

El Paso Natural Gas Company plans to drill a salt water disposal well in Unit E, Sec. 33, T-24-S, R-37-E, Lea County, New Mexico. You are the offset operator of El Paso's property. El Paso Natural Gas Company requests that you send us a waiver regarding this salt water disposal well subject to the approval of the Oil Conservation Commission of the State of New Mexico.

Enclosed is the proposed completion drawing with perforations in the most porous sections of the San Andres Formation.

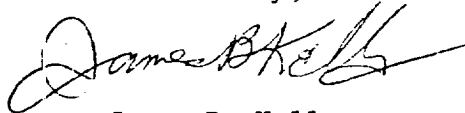
If you have any objections or questions regarding the proposed salt water disposal well, please contact me. If you have no objections, we would appreciate receiving a waiver from you as quickly as possible.

Yours truly,

No objections

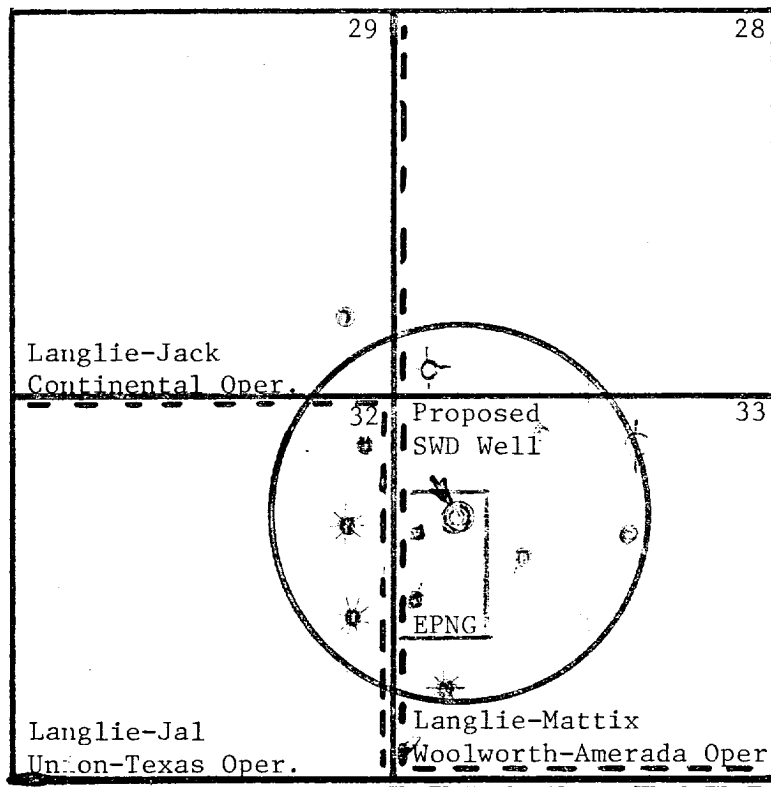
By: Gilbert E. Miller

Date: 9-29-80



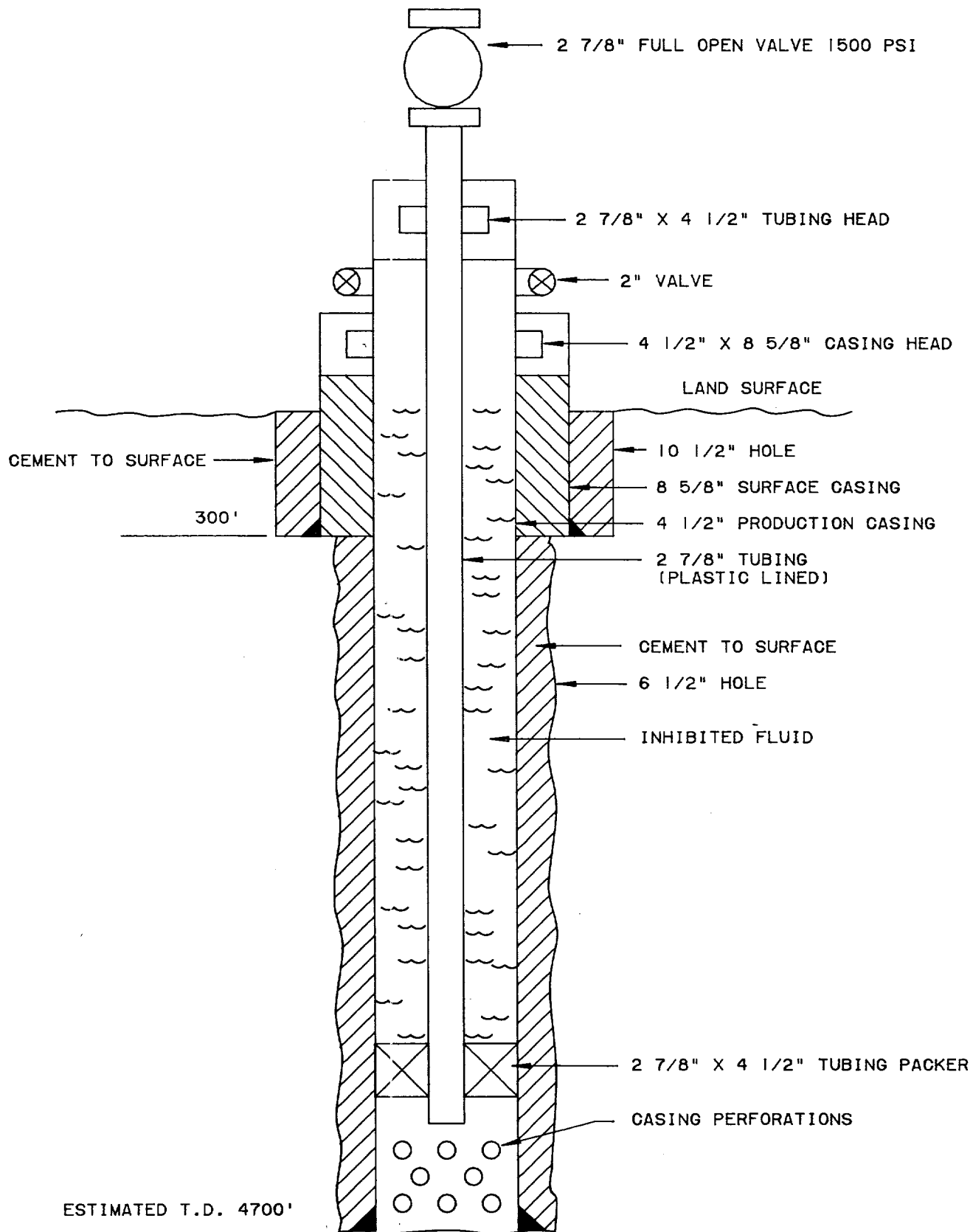
James B. Kelly
Senior Engineer
Water Resources &
Waste Disposal
Operations

JBK:rh
Enclosure



Union Texas and Amerada are the operators within the $\frac{1}{2}$ mile radius of the proposed EPNG-SWD well in T-24-S, R-37-E, Lea County, New Mexico.

[illegible]



					ENGINEERING RECORD		 El Paso NATURAL GAS COMPANY JAL NO.3 PLANT SWD WELL NO.1 SEC.33,T-24-S,R-37-E LEA COUNTY, NEW MEXICO	DWG. NO. 1J3-1-P1014	REV.
					DRAWN	JRM			
					DATE	7/28/80			
					CHECKED				
					APPROVED				
PRT.	SEP.	DATE	TO	W. O.	APPROVED				
PRINT RECORD					W. O.	S-6195			

44-38861-10
OCT 6 1966

U.S. GOVERNMENT PRINTING OFFICE

44-38861-10