#### STATE OF MARYLAND



### DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES Page 1 of 2

The Johns Hopkins University BALTIMORE 18, MARYLAND

ROY E. KAHL, WELL NO. 1

#### WELL COMPLETION REPORT

This report must be submitted within 30 days after completion of the well

	Permit Number 53				
WELL LOG State the kind of formations penetrated, their depth, their thickness, and if water-bearing		CASING AND SCREEN RECORD State the kind and size of casing, liner, shoe, screen, and other accessories (if no casing used, give diameter of well)			Name of Owner Texas Eastern Transmission Corp
	FEET		DIAM.	FEET	PUMPING TEST
TOTAL DEPTH	fromto	CONDUCTOR	(inches) 13 3/8"	0-138	Hours PumpedNONE
IOIAL DEFIN	7002	CONDUCTOR	13 3/0	0-136	Type of Pump Used
DRILLING INFORMATION		48#, H-40 cement- ed w/175 sacks			Pumping Rate Gallons per Minute
Drilled 17 1/2" hole w/air	0-137'	common cement w/		and Archine	WATER LEVEL
Drilled 12 1/4" hole w/air	137-170	2% Cacl.			Distance from land surface to
Drilled 12 1/4" hole w/foam					water:
Drilled 8 3/4" hole w/air		SURFACE	9 5/8"	0-3726	Before PumpingFt
Drilled 6 1/8" hole w/foam				100	
Drilled 6" hole w/foam	7842-7882				When PumpingFt
GEOLOGICAL INFORMATION		ed w/600 sacks Diacel D cement +			APPEARANCE OF WATER 170' Depth
T		200 sacks common			Clear
<u>Tops</u> Benson Sandstone	3622'	w/2% Cac1.			Cloudy
Tully	6527'	PRODUCTION	7"	0-7556	Taste Fresh
Onondaga Limestone	7510'	TRODUCTION		0-7550	
Huntersville Chert	7543'	29#, N-80 & P-110.			Odor
Needmore Shale	7629'	Cemented 1st			Height of Casing Above Land
Oriskany Sandstone	7670'	stage w/70 sacks			Surface NONE Ft
Helderberg Limestone	7842'	common and 50 sx.			SurfaceFt
		latex cement. Ce-			PUMP INSTALLED
PRODUCING INTERVALS		mented 2nd stage		Section of the second	NONE
		thru DU tool @ 688	6'		Type
Following intervals perfo-		w/525 sacks Dia-			Capacity
rated w/4 shots per foot:		cel D cement +			Gallons per Minute
Oriskany	7760-74	100 sacks common			
Oriskany	7731-35	cement.			Gallons per Hour
Oriskany	7668-84	TIMED	4 1/2"	7205	Pump Column LengthFt
Chert Chert	7550–64 7567–70	LINER	4 1/2	7285 <b>-</b> 7876	
Chert	7577-84	13.5#, N-80 cem-		7070	REMARKS
Cherc	1311-04	ented w/35 sx.			
		common + 75 sx.			
		latex cement.			
		adon coment.			
		TUBING	2 3/8"	0-39'	
					Well Was Completed Date September 16, 1965
					Well Driller
					Signature Signature

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FEET fromtoto	REATMENTS	DIAM. (inches)	FEET fromto	PUMPING TEST  Hours Pumped  Type of Pump Used  Pumping Rate Gallons per Minute
Lower Oriskany 7760' - 74' and 75 gals. 5% Tested 113 MCF/day before treatment Upper Oriskany 7668' - 84' treat and 30,000 gals. 10% gelled acid 314 MCF/day before treatment, 140 Huntersville Chert 7550' - 64', with 1000 gals. mud acid. Product ment, 2260 MCF/day after. Second mud acid and 50,000 gals. of 5% at Tested 144 MCF/day. After 2nd tr	WATER LEVEL  Distance from land surface to water:  Before Pumping			

# State of Maryland MARYLAND GEOLOGICAL SURVEY. The Johns Hopkins University Baltimore, Maryland 21218

APPLICATION FOR PERMIT TO DRILL OIL OR GAS WELL  (Applications must be submitted in triplicate)					
	ROY E. KAHL, WELL #1				
OWNER TEXAS EASTERN TRANSMISSION CORPOCATION OF WELL					
STREET or R.F.D. P. O. BOX 2521	COUNTY GARRETT				
POST OFFICE HOUSTON, TEXAS 77001	NEAREST POST OFFICE ACCIDENT, MARYLAND				
	Distance from Post Office 15,364'				
PERMIT TO DRILL WELL	Direction from Post Office S 6 50 52 W				
NOT TO BE FILLED IN BY APPLICANT	APPROXIMATE DEPTH OF WELL (feet) 7800				
PERMIT NO. 53 (Fifty-three)	METHOD OF DRILLING ROTARY				
The permit is herewith granted subject to the conditions stipulated.	DEEPEST GEOLOGIC FORMATION WELL WILL BE DRILLED ORISKANY				
Genneth N. Weaver Director	DISTANCE OF WELL LOCATION TO NEAREST BUILDING (feet) 955				
Date May 28, 1965	'NUMBER OF SHIFTS PER DAY 3				
	LICENSED DRILLER IN CREW OF EACH SHIFT				
"Gas storage well only"	NAME ADDRESS				
Names of Drillers must be furnished prior to drilling	TO-BE FURNISHED 7/30/65				
	1				
	These names may be supplied later but before drilling begins				

The names and post office addresses of the owners of the tracts of land included on the plat or map accompanying the application are to be given below.

SEE ATTACHED LIST

NOTE

A BOND FOR \$2,500 PAYABLE TO THE STATE OF MARYLAND MUST ACCOMPANY THE APPLICATION THIS APPLICATION FORM MUST BE FILLED OUT WITH TYPEWRITER OR IN BLOCK LETTERS

