

STATE OF MARYLAND
DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

The Johns Hopkins University
BALTIMORE 18, MARYLAND

WELL COMPLETION REPORT WALTER BURKHARD, WELL NO. 1

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

ELEVATIONS:

Ground Level: 2630'
Kelly Bushing: 2647'

WELL DESCRIPTION

Permit Number..... 57

Name of Owner Texas Eastern
Transmission Corporation

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)

WELL LOG		CASING AND SCREEN RECORD			PUMPING TEST	
State the kind of formations penetrated, their depth, their thickness, and if water-bearing		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 Corporation	
	FEET from.....to.....	CONDUCTOR:	DIAM. (inches)	FEET from.....to.....	Hours Pumped	Type of Pump Used.....
TOTAL DEPTH:	7630'	Cemented to surface with 175 sx. common cement with 2% Cacl.	13 3/8"	0 - 133'		Pumping Rate Gallons per Minute.....
DRILLING INFORMATION:		SURFACE:			WATER LEVEL	
Drilled 17 1/2" Hole - Air	0-133'	36# J-55 ST & C Baker Float Shoe @ 3664'. Baker Float Collar at 3630'.	9 5/8"	0-3,666'	Distance from land surface to water:	
Drilled 12 1/4" Hole - Air	133' to 203'	Baker Casing Centralizers - 6, cemented to surface with 590 sx. Diacel Cement and 200 sx. common cement, with 2% Cacl.			Before Pumping.....Ft. When Pumping.....Ft.	
Drilled 12 1/4" Hole - Foam	203' to 3680'	PRODUCTION:			APPEARANCE OF WATER	
Drilled 8 3/4" Hole - Air	3680' to 7256'	29# N-80 LT & C Halliburton Float Shoe at 7485'	7"	0-7487'	Clear	
Drilled 8 3/4" Hole - Gas	7256' to 7487'	Halliburton Float Collar at 7450'			Cloudy	
Drilled 6 1/8" Hole - Gas	7,487' to 7630'	Halliburton Stage Collar at 6748'			Taste	
GEOLOGICAL INFORMATION:		Halliburton Casing Centralizers - 11 Cemented thru shoe with 83 sx. Diacel Cement and 40 sx. Latex cement. Cemented from stage collar to surface with 633 sx. Diacel cement and 75 sx. common cement.			Odor	
Top Tully	6389'	TUBING:			Height of Casing Above Land Surface	
Top Onondaga Limestone	7236'	4.7# J-55 EUE	2 3/8"	0-7476'	PUMP INSTALLED	
Top Huntersville Chert	7268'	Bull plug on bottom with 6' perf. sub and P.S.I. Landing Nipple above Bull Plug.			Type	
Top Oriskany Sandstone	7485'	Well tubed to 7476' P.S.I. Nipple @ 7470'			Capacity	
Faults: 75' @	6970'				Gallons per Minute.....	
45' @	7346'				Gallons per Hour.....	
25' @	7411'				Pump Column Length.....Ft.	
GAS FLOW RATE TESTS:					REMARKS	
Huntersville Chert: 163 MCFD - Natural					Open hole Oriskany completion - 7487' to 7630'.	
Oriskany Sandstone: 220 MCFD @ 7488' - Natural					
778 MCFD @ 7606' - Natural					
410 MCFD after treatment					
TREATMENT - ORISKANY:					
Open hole interval 7487' to 7630' with 2,000 Gals. 10% MCA with FE and HC-2 additive. Treated at 3 BPM with 2150 psi.					Well Was Completed Date December 5, 1965 Well Driller..... J. D. Gaden Signature	

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

Blanket Bond
10/14/65 57

APPLICATION FOR PERMIT TO DRILL OIL OR GAS WELL
(Applications must be submitted in triplicate)

WALTER BURKHARD WELL #1

OWNER Texas Eastern Transmission Corpor- LOCATION OF WELL
 ation
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 7,780
Direction from Post Office _____
S 17° 26' 30" E

PERMIT TO DRILL WELL
NOT TO BE FILLED IN BY APPLICANT APPROXIMATE DEPTH OF WELL (feet) 7650

PERMIT NO. 57 (Fifty-seven) METHOD OF DRILLING Rotary

The permit is herewith granted subject to DEEPEST GEOLOGIC FORMATION
the conditions stipulated. WELL WILL BE DRILLED Helderberg Limestone

Herritt N. Weaver
Director DISTANCE OF WELL LOCATION
TO NEAREST BUILDING (feet) No buildings
within 1500' of location

Date October 19, 1965 NUMBER OF SHIFTS PER DAY Three

Special conditions that may apply:
"Gas storage well only" LICENSED DRILLER IN CREW OF EACH SHIFT
NAME ADDRESS

Names of Drillers must be furnished prior to drilling.
To be furnished later 10/25/65

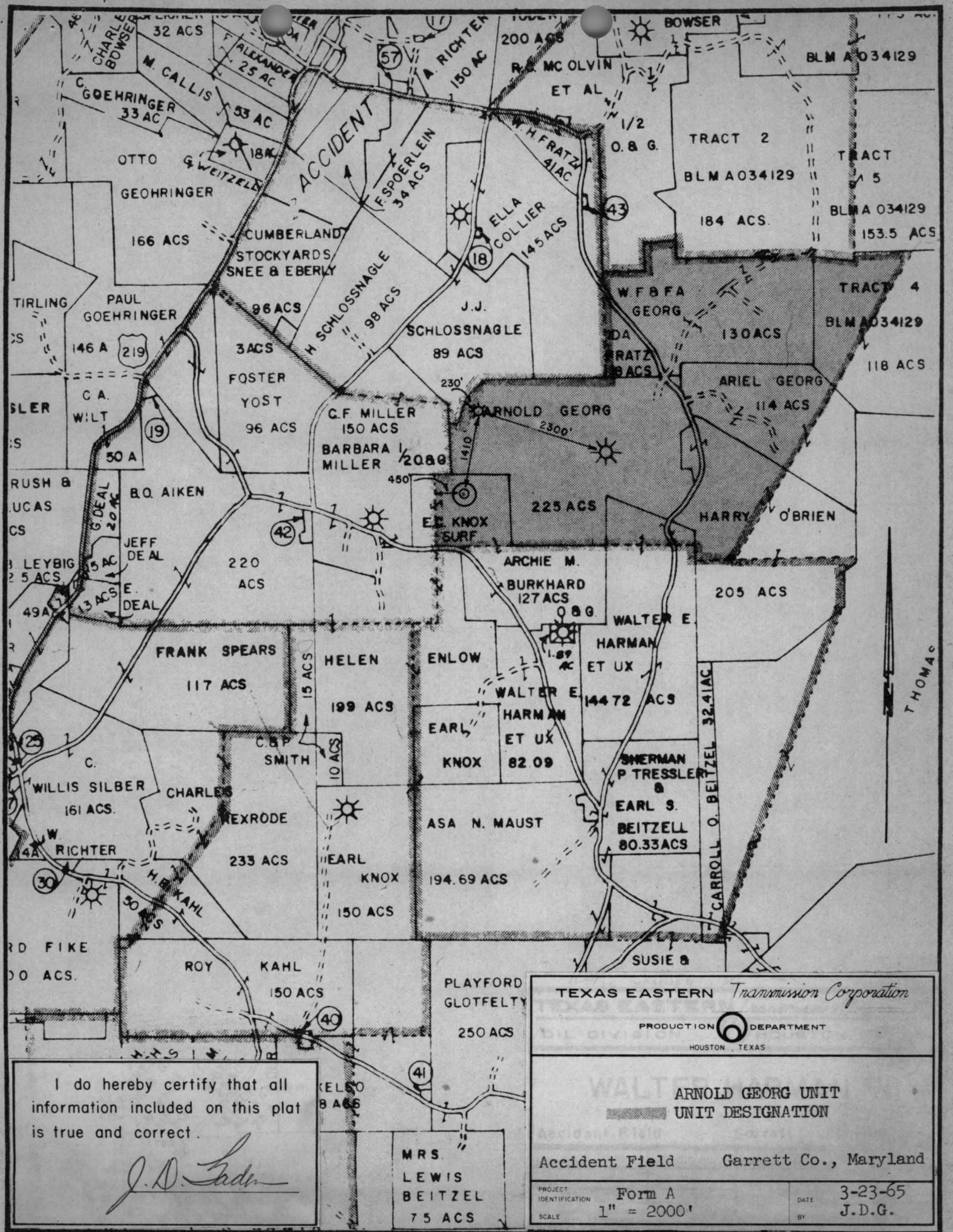
These names may be supplied later but before drilling begins

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



I do hereby certify that all information included on this plat is true and correct.

J.D. Gads

MRS. LEWIS BEITZEL
75 ACS

TEXAS EASTERN *Transmission Corporation*
PRODUCTION DEPARTMENT
HOUSTON, TEXAS

ARNOLD GEORG UNIT
UNIT DESIGNATION
Accident Field Garrett Co., Maryland

PROJECT IDENTIFICATION Form A
SCALE 1" = 2000'

DATE 3-23-65
BY J.D.G.