

STATE OF MARYLAND  
**MARYLAND GEOLOGICAL SURVEY**  
 The Johns Hopkins University  
 BALTIMORE, MARYLAND 21218

Permit Number 101  
 Well Number 5  
 Company Texas Eastern  
 County Garrett

**COMPLETION REPORT**  
 (oil or gas well)

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

WELL DESCRIPTION - KIND OF WELL: Gas  
 (Oil, Gas, Other)

NAME & WELL NO. <u>Savage River State Forest #5</u>	Size of Casting and Tubing	Used in Drilling	Left in Well	Packers: Type, Size and Depth
ELEVATION: <u>GR 2890'</u> LEASE: _____	13-3/8	282	282	None
DRILLING COMMENCED: <u>8-12-73</u> DRILLING COMPLETED: <u>10-1-73</u>	9-5/8	4127	4127	None
PRODUCTION: <u>Gas</u>	7	7752	7752	None
RESERVOIR PRESSURE _____ psig _____ hrs.	2-3/8		7867	None
WELL TREATMENT: (Shooting, Acidizing, Fracturing, Etc.) <u>Oriskany, Open Hole 7752-7711'</u>				
Acidized w/30,000 Gals. 15% Reg HCL. Reacidized				PERFORATIONS AT: 7700-7705',
w/30,000 Gals. 15% Retarded and 34,000 Gals.				7793-7795',
3% Reg. HCL. Did not treat Chert Perforations.				7672-7677', 7624-7630'
	CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)			
	13-3/8" , 282' , 250 sacks			8-17-73
	9-5/8" , 4127' , 1336 sacks			9-6-73
	7" , 7764' , 1st Stage 310 sacks around bottom			
RESERVOIR PRESSURE AFTER TREATMENT: _____	2nd Stage 1175 sacks through DV			
	Tool @ 6812'			9-23-73
RESULTS AFTER TREATMENT: <u>Well Tested</u>				
<u>4,012 MCF/D 10-18-73</u>				
REMARKS:	GEOPHYSICAL LOGS (Type of Geophysical Logs Run on Well)			
	Formation Density Gamma-Ray-Neutron			

## MARYLAND GEOLOGICAL SURVEY

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BALTIMORE, MARYLAND 21218

## GEOLOGICAL LOG

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Tully	6877					
Onondaga	7578	7594				
Huntersville Chert	7594	7710				
Needmore Shale	7710	7751				
Oriskany	7751	7909				
Helderberg	7909					

This completion report is accurate to the best of my knowledge.

Date November 5, 19 73

APPROVED

Paul S. Tremel

By

Regional Manager

(Title)

COMPANY Texas Eastern Transmission  
Corporation

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

M<sup>c</sup>Henry Quad  
Chas Brewer Unit 101  
7909t  
comp. 10-1-73

APPLICATION FOR PERMIT TO DRILL OIL OR GAS WELL

(Applications must be submitted in triplicate)

USA - SAVAGE RIVER #5

OWNER TEXAS EASTERN TRANSMISSION CORPORATION

STREET or R.F.D. P. O. BOX 2521

POST OFFICE HOUSTON, TEXAS 77001

LOCATION OF WELL

COUNTY GARRETT

NEAREST POST OFFICE ACCIDENT MARYLAND

Distance from Post Office 8945.59'

Direction from Post Office N 77° 09' 43" E from

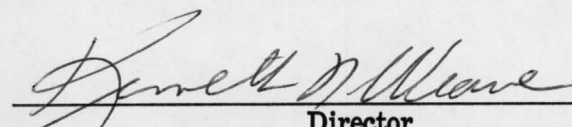
NE Corner of Post Office

PERMIT TO DRILL WELL

NOT TO BE FILLED IN BY APPLICANT

PERMIT NO. 101

The permit is herewith granted subject to the conditions stipulated.

  
Director

Date 7-19-73

Special conditions that may apply:

GAS STORAGE WELL ONLY. NAMES OF DRILLERS  
MUST BE FURNISHED PRIOR TO DRILLING OF  
WELL.

SEE ADDITIONAL REQUIREMENTS ATTACHED

APPROXIMATE DEPTH OF WELL (feet) 7985'

METHOD OF DRILLING ROTARY (AIR)

DEEPEST GEOLOGIC FORMATION  
WELL WILL BE DRILLED INTO DEFINITE HELDEBERG

DISTANCE OF WELL LOCATION  
TO NEAREST BUILDING (feet) There are no  
buildings within 1000' of well site.

NUMBER OF SHIFTS PER DAY THREE

LICENSED DRILLER IN CREW OF EACH SHIFT

NAME

ADDRESS

TO BE FURNISHED

These names may be supplied later but before drilling begins

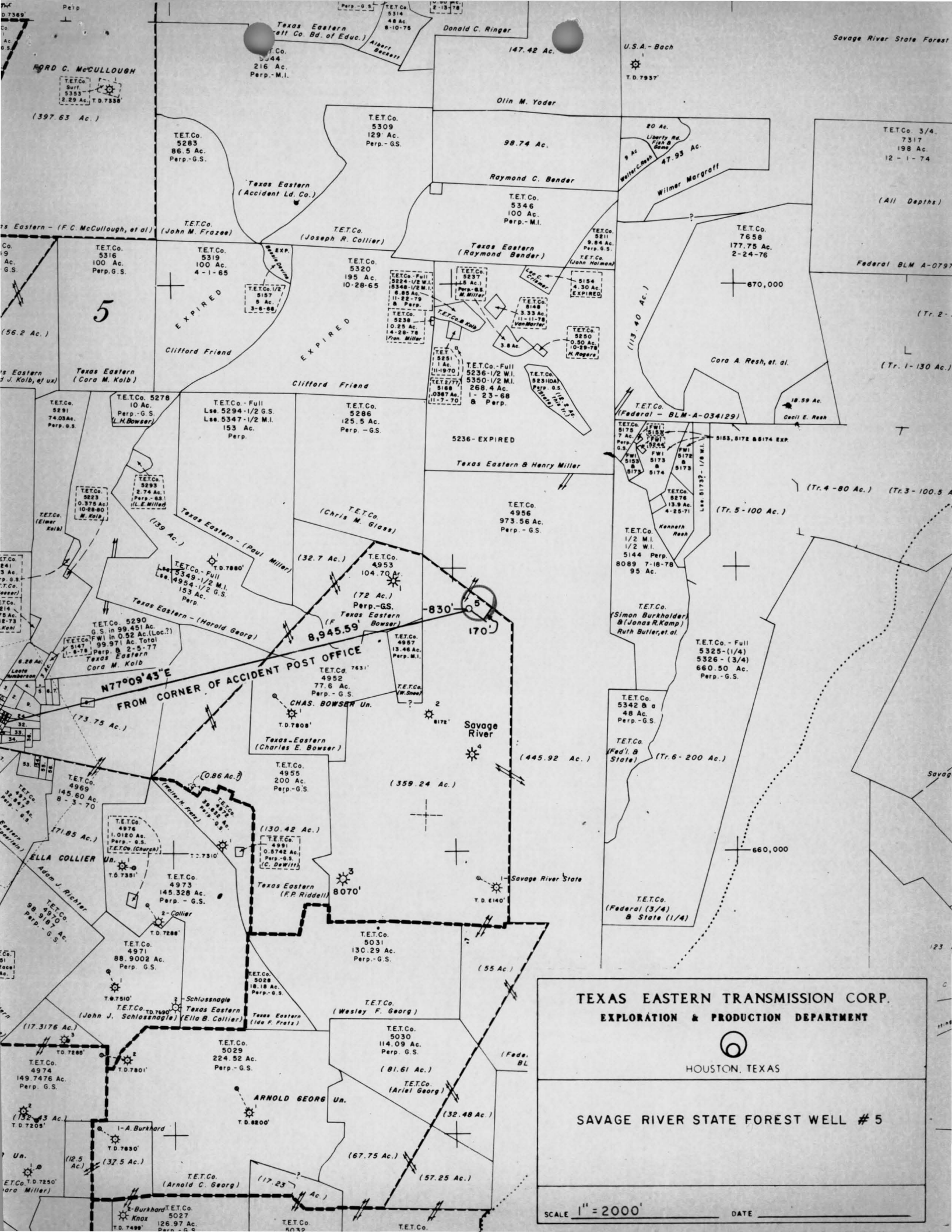
The names and post office addresses of the owners of the tracts of land included on the plat or map accompanying the application are to be given below.

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





TEXAS EASTERN TRANSMISSION CORP.  
 EXPLORATION & PRODUCTION DEPARTMENT



SAVAGE RIVER STATE FOREST WELL # 5

SCALE 1" = 2000' DATE