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

Permit Number 81
Well Number 2
Company Texas Eastern Transmission Corporation
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 Storage (Oil, Gas, Other)

NAME & WELL NO. MITCHELL J. RUSH, WELL NO. 2

ELEVATION: 2357' G.L. LEASE: Mitchell J. Rush

DRILLING COMMENCED: 8-15-66 DRILLING COMPLETED: 10-1-66

PRODUCTION: Gas - From Chert Formation

RESERVOIR PRESSURE 1,836 psig 2 hrs.

WELL TREATMENT: (Shooting, Acidizing, Fracturing, Etc.)

CHERT FORMATION - PERFORATIONS 7,288'-7,304' AND 7,324'-7,336'
1. 2,000 gals. 7 1/2% Acid
2. 30,000 gals. water, 27,500# 20-40 Sand.

ORISKANY FORMATION - Open Hole 7,414'-7,547'

NONE

RESERVOIR PRESSURE AFTER TREATMENT:

1,880 psig - 72 Hrs.

RESULTS AFTER TREATMENT:

3,031 MCFD Gas From Chert Formation - None from Oriskany

REMARKS:

Gas Storage Well

Size of Casting and Tubing	Used in Drilling	Left in Well	Packers: Type, Size and Depth
13 3/8"	111'	111'	NONE
9 5/8"	2,485'	2,485'	NONE
7"	7,414'	7,414'	NONE
2 3/8"		7,285'	NONE

PERFORATIONS AT: Chert: 7,288'-7,304' 7,324'-7,336'

CEMENTING DATA: (Size Pipe, Depth, No. Bags, Date)

8-17-66
13 3/8" 48# H-40 at 111', w/150 sx Common Cement
8-24-66
9 5/8" 36# J-55 at 2,485', w/400 sx 20% Diacel D Cement and 100 sx Common Cement.
9-19-66
7" 29# N-80 at 7,414', w/Stage Collar at 6,508'. First Stage Cmtd. w/300 sx 50-50 Posmix and 60 sx Latex cmt. thru shoe. Second Stage cmtd. w/2,000 sx 50-50 Posmix and 50 sx common cmt. thru stage collar- Cement returned to surface - all casing strings

GEOPHYSICAL LOGS (Type of Geophysical Logs Run on Well)

Gamma Ray Log
Density Log
Temperature Log
Gamma Ray - Neutron Log

Completion Report continued on page 2

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GEOLOGICAL LOG

FORMATION	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (Fresh or Salt Water)	REMARKS
Tully Lime	6,417'	6,435'	NONE	NONE	NONE	
Onondaga Lime	7,235'	7,260'	NONE	NONE	NONE	
Huntersville Chert	7,260'	7,384'	7,288' &7,324'	NONE	NONE	
Needmore Shale	7,384'	7,414'	NONE	NONE	NONE	
Oriskany Sand	7,414'	7,545'	NONE	NONE	NONE	
Helderberg Lime	7,545'	T.D.	NONE	NONE	NONE	Total Depth: 7,536' - Driller Meas. 7,547' - Logger Meas. Well Completed With Open Hole Oriskany Plugged - Gas From Chert Perforations 7,288'-7,304' and 7,324'-7,336'

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

Date November 2, 19 66

APPROVED J. D. Faden

By Chief Production Clerk
(Title)

COMPANY Texas Eastern Transmission Corp.

81

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)

MITCHELL J. RUSH, WELL NO. 2

OWNER Texas Eastern Transmission Corporation

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

POST OFFICE Houston, Texas 77001

PERMIT TO DRILL WELL

NOT TO BE FILLED IN BY APPLICANT

PERMIT NO. 81 - Eighty-One

The permit is herewith granted subject to the conditions stipulated.

Kenneth N. Weaver
Director

Date July 22, 1966

Special conditions that may apply:

Gas Storage Well Only

Names of Drillers must be furnished prior to drilling of well

LOCATION OF WELL

COUNTY Garrett

NEAREST POST OFFICE Accident, Md.

Distance from Post Office 12,841'

Direction from Post Office S 79° 33' 27" W

APPROXIMATE DEPTH OF WELL (feet) 7435

METHOD OF DRILLING Rotary

DEEPEST GEOLOGIC FORMATION WELL WILL BE DRILLED Oriskany

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

NUMBER OF SHIFTS PER DAY Three

LICENSED DRILLER IN CREW OF EACH SHIFT

NAME	ADDRESS
To be furnished (8/18/66	
J. K Eastwood, # 10	L. J. Rishel, # 16
Don Hyatt, Jr. #13	

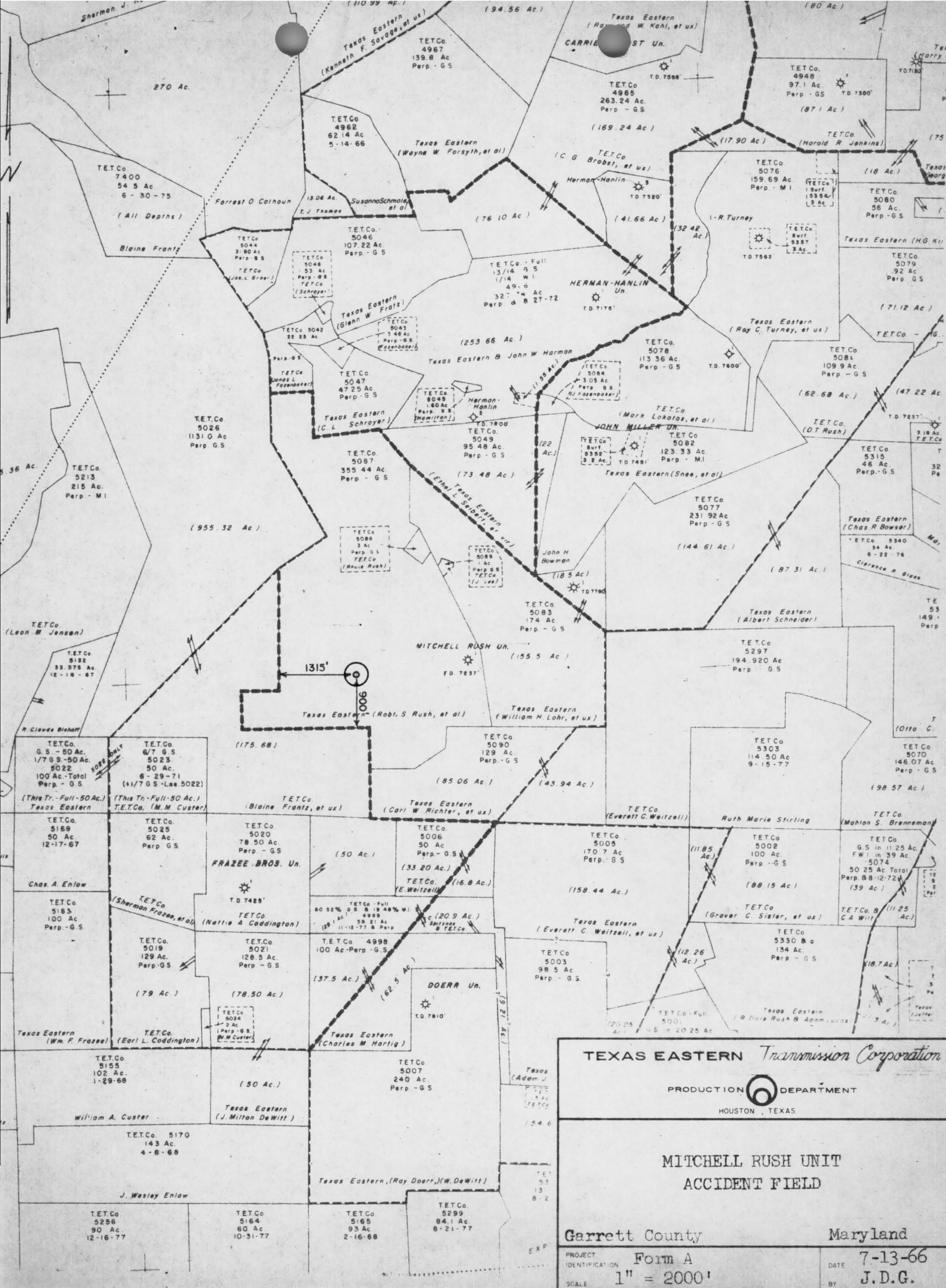
These names may be supplied later but before drilling begins

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 Corporation*

PRODUCTION DEPARTMENT

HOUSTON, TEXAS

MITCHELL RUSH UNIT
ACCIDENT FIELD

Garrett County	Maryland
PROJECT IDENTIFICATION Form A	DATE 7-13-66
SCALE 1" = 2000'	BY J.D.G.