

The Johns Hopkins University  
BALTIMORE 18, MARYLAND

**WELL COMPLETION REPORT**

J. J. Schlossnagle, Well No. 1

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

Elevation: 2,476' G. L. **WELL DESCRIPTION**  
2,493' K. B. (Zero) Permit Number..... 45

**WELL LOG** Name of Owner Texas Eastern  
Transmission Corporation  
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	FEET		DIAM. (inches)	FEET		PUMPING TEST
	from.....to.....			from.....to.....		
Total Depth: 7,507'					0 - 205'	Hours Pumped .....
<u>Geological Information:</u>			Conductor:	13 3/8"	48#	Type of Pump Used.....
Top - Benson Sandstone	3,208'		Cemented to surface	H-40		Pumping Rate
Top - Tully Limestone	6,030'		with 150 sx common			Gallons per Minute.....
Top - Onondaga Limestone	7,062'		cement with 2% CaCl.			<b>WATER LEVEL</b>
Top - 1st Huntersville Chert	7,093'		Good Returns			Distance from land surface to water:
Top - 2nd Huntersville Chert	7,135'		Surface:	9 5/8"	0-3,589'	Before Pumping.....Ft.
Top - Needmore Shale	7,232'		Cemented to surface	36#		When Pumping.....Ft.
Top - Oriskany Sandstone	7,280'		with 600 sx diacel	J-55		<b>APPEARANCE OF WATER</b>
Top - Helderberg Limestone	7,464'		followed by 200 sx			Clear 3007'
230' Fault	6,110'		common cement with			Cloudy .....
55' Fault	6,877'		2% CaCl. Good Returns.			Taste Salty
35' Fault	7,000'		Baker Float Shoe			Odor ...None
50' Fault	7,152'		at 3,587'			Height of Casing Above Land Surface .....
<u>Drilling Information:</u>			Baker Float Collar			<b>PUMP INSTALLED</b>
			at 3,524'			Type ...None
			4 Baker Centralizers			Capacity
			Production:	7"	0-7,110'	Gallons per Minute.....
Rotary - Air 17 1/2"	0-205'		Cemented 1st stage	29#		Gallons per Hour.....
Rotary - Air 12 1/4"	205'-3007'		7,110' to 6,000'	N-80		Pump Column Length.....Ft.
Rotary - Foam 12 1/4"	3007'-3333'		with 176 sx diacel			<b>REMARKS</b>
Rotary - Mud 12 1/4"	3333'-3600'		and 50 sx common			.....
Rotary - Air 8 3/4"	3600'-7115'		cement.			.....
Rotary - Gas * 6 1/8"	7115'-7205'		Cemented 2nd stage			.....
Rotary - Gas, Foam * 6 1/8"	7205'-7507'		6,000' to surface			.....
*Gas Supply Well			with 500 sx diacel			.....
Began Making Water			and 50 sx common			.....
			cement. Good			.....
			returns.			.....
<u>Test, After Drilling In:</u>			Baker Guide Shoe			.....
218 MCFD Gas	7,110'-7,507'		at 7,109'			.....
			Baker Float Collar			.....
			at 7,067'			.....
			Baker Stage Collar			.....
			at 6,000'			.....

Well Was Completed  
Date .....

Well Driller.....

Signature



The Johns Hopkins University  
BALTIMORE 18, MARYLAND

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Permit Number..... 45.....

Name of Owner Texas Eastern  
Transmission Corporation

Oriskany, 2nd Treatment:

FEEET  
from.....to.....  
7,280'-7,288'

Perforations 7,280'-7,288'  
acid - Fracture Treatment  
2,700 gal 3 1/2% jelled acid  
5,000 gal 5% acid with  
3,000 # 20-40 sand and  
1,200# 12-20 walnut hulls  
and 400 SCF per bbl. N<sub>2</sub>  
with treatment.

Rate: 12 bbls per min.  
Pressure: Breakdown 6,000 psi  
Maximum - 7,000 psi  
Average - 6,450 psi

Test, After 2nd Treatment:

Perforations, Chert 7,110'-7,134'  
Perforations, Oriskany 7,280'-7,288'

1,262 MCFD Gas

DIAM. (inches) FEEET from.....to.....

PUMPING TEST

Hours Pumped .....  
Type of Pump Used.....  
Pumping Rate  
Gallons per Minute.....

WATER LEVEL

Distance from land surface to water:  
Before Pumping.....Ft.  
When Pumping.....Ft.

APPEARANCE OF WATER

Clear .....  
Cloudy .....  
Taste .....  
Odor .....

Height of Casing Above Land Surface .....Ft.

PUMP INSTALLED

Type .....  
Capacity  
Gallons per Minute.....  
Gallons per Hour.....  
Pump Column Length.....Ft.

REMARKS

4 1/2" Liner Completion  
Cemented through  
Productive Interval.....  
Perforations:.....  
Chert 7,110'-7,134'  
Oriskany 7,280'-7,288'

Well Was Completed  
Date October 26, 1964  
Well Driller.....  
J. D. Gaden Signature

MARYLAND GEOLOGICAL SURVEY  
The Johns Hopkins University  
Baltimore 18, Maryland

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

J. J. Schlossnagle, Well #1

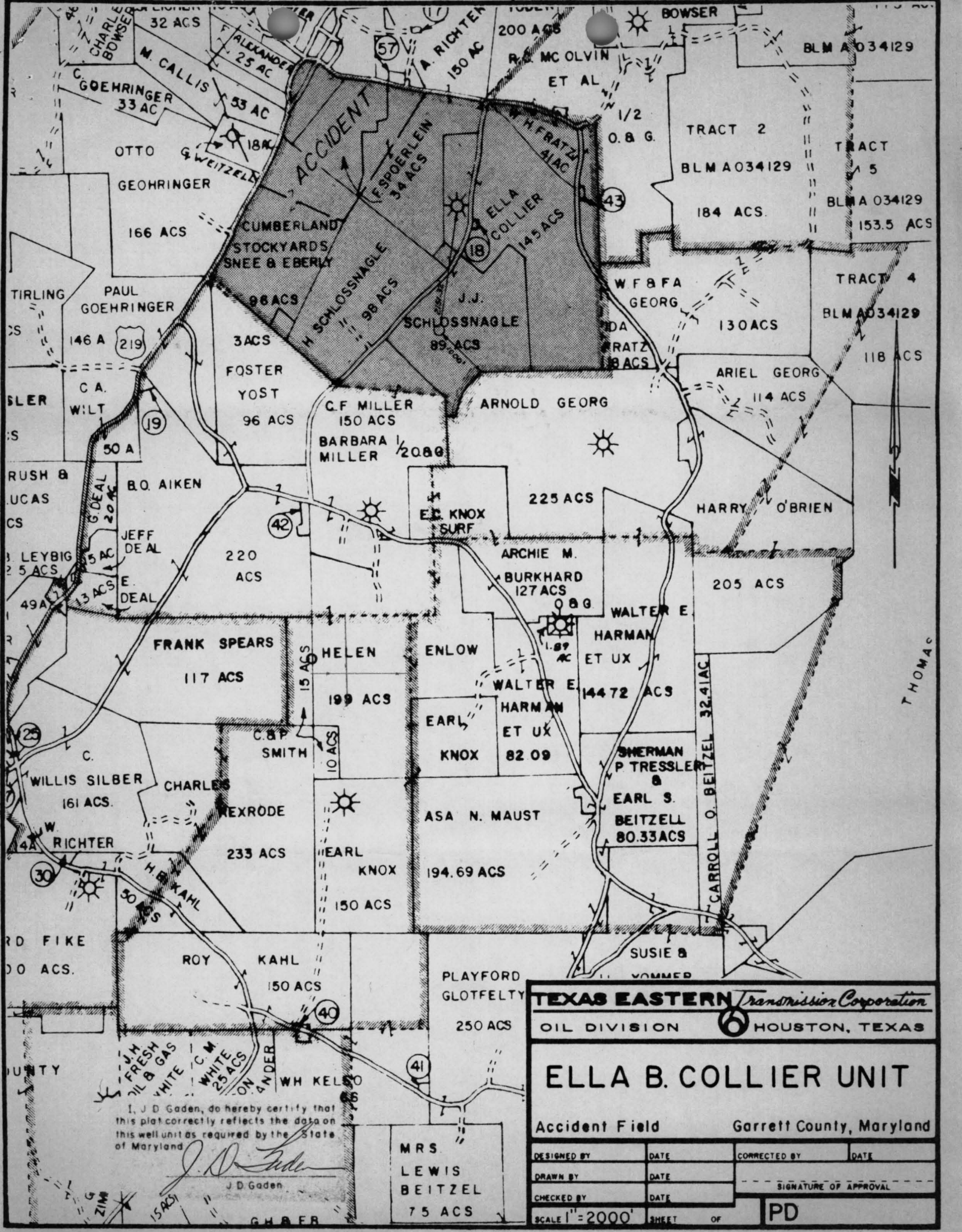
OWNER <u>Texas Eastern Transmission Corp.</u>	LOCATION OF WELL
STREET or R.F.D. _____	COUNTY <u>Garrett</u>
POST OFFICE <u>Box 2521</u>	NEAREST POST OFFICE <u>Accident, Maryland</u>
<u>Houston, Texas 77001</u>	Distance from Post Office <u>5,268 feet</u>
PERMIT TO DRILL WELL	Direction from Post Office <u>S 26° 38'E</u>
NOT TO BE FILLED IN BY APPLICANT	APPROXIMATE DEPTH OF WELL (feet) <u>7,800</u>
PERMIT NO. <u>45 (Forty five)</u>	METHOD OF DRILLING <u>Rotary</u>
The permit is herewith granted subject to the conditions stipulated.	DEEPEST GEOLOGIC FORMATION WELL WILL BE DRILLED <u>Oriskany</u>
<u>Kenneth H. Weaver</u> Director "m"	DISTANCE OF WELL LOCATION TO NEAREST BUILDING (feet) <u>666</u>
Date <u>September 1, 1964</u>	NUMBER OF SHIFTS PER DAY <u>Three</u>
Special conditions that may apply: Names of drillers must be furnished prior to drilling	LICENSED DRILLER IN CREW OF EACH SHIFT NAME ADDRESS <u>To be furnished prior to drilling.</u> <u>attached</u>
	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, J. D. Gaden, do hereby certify that this plat correctly reflects the data on this well unit as required by the State of Maryland.

*J. D. Gaden*  
J. D. Gaden

MRS  
LEWIS  
BEITZEL  
75 ACS

**TEXAS EASTERN** *Transmission Corporation*  
OIL DIVISION HOUSTON, TEXAS

**ELLA B. COLLIER UNIT**

Accident Field Garrett County, Maryland

DESIGNED BY	DATE	CORRECTED BY	DATE
DRAWN BY	DATE	SIGNATURE OF APPROVAL	
CHECKED BY	DATE		
SCALE 1" = 2000'	SHEET	OF	PD