

STATE OF MARYLAND
DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

The Johns Hopkins University
BALTIMORE 18, MARYLAND

WELL COMPLETION REPORT Playford Smith, Well No. 1

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

Elevation: 2,505 G. L. **WELL DESCRIPTION** Permit Number.....46.....
 2,520 K. B. (Zero)

<p style="text-align: center;">WELL LOG</p> <p>State the kind of formations penetrated, their depth, their thickness, and if water-bearing</p>	<p style="text-align: center;">CASING AND SCREEN RECORD</p> <p>State the kind and size of casing, liner, shoe, screen, and other accessories (if no casing used, give diameter of well)</p>	<p>Name of Owner <u>Texas Eastern Transmission Corporation</u></p>
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<u>Total Depth: 7,546'</u>	FEET		DIAM.	FEET	PUMPING TEST
	from.....to.....		(inches)	from.....to.....	Hours Pumped

<u>Geological Information:</u>		<u>Conductor:</u>	13 3/8	0-198'	<u>Type of Pump Used</u>
Top - Benson Sandstone	3,308'	Cemented to surface	48#		<u>Pumping Rate</u>
Top - Tully	6,353'	Surface with 180	H-40		<u>Gallons per Minute</u>

		<u>Surface:</u>			WATER LEVEL
Top - Onondaga Limestone	7,156'	Cemented to surface	9 5/8"	0-3,685'	<u>Distance from land surface to water:</u>
Top - Huntersville Chert	7,184'	with 530 sx diacel	36#		<u>Before Pumping</u>Ft.

Top - Needmore Shale	7,274'	followed by 200 sx	J-55		<u>When Pumping</u>Ft.
Top - 2nd Huntersville Chert	7,296'	common cement,			

					APPEARANCE OF WATER
Top - 2nd Needmore Shale	7,332'	Good Returns.			<u>Clear</u>
Top - 3rd Huntersville Chert	7,341'	Baker Float Shoe			<u>Cloudy</u>

Top - 3rd Needmore Shale	7,349'	at 3,684'			<u>Taste</u>
Top - Oriskany Sandstone	7,391'	Baker Float Collar			<u>Odor</u>

Top - Helderberg Limestone	7,510'	at 3,652'			<u>Height of Casing Above Land</u>
55' Reverse Fault	7,295'	4 Baker Centralizers			<u>Surface</u>

					PUMP INSTALLED
25' Reverse Fault	7,340'	<u>Production:</u>	7"	0 - 7,387'	<u>Type</u>
<u>Drilling Information:</u>		Cemented 1st stage	29#		<u>Capacity</u>

Rotary - Air	17 1/2"	7,384 to 6,380 with	N-80		<u>Gallons per Minute</u>
Rotary - Air	12 1/4"	70 sx diacel and			<u>Gallons per Hour</u>

Rotary - Foam	12 1/4"	50 sx common cement.			<u>Pump Column Length</u>Ft.
Rotary - Air	8 3/4"	Cemented 2nd stage			

Rotary - Gas	6 1/8"	from 6,380 to			REMARKS
<u>Tests, While Drilling In:</u>		surface with 535 sx		

550 MCFD Gas	7,474'	diacel and 50 sx		
1,650 MCFD Gas	7,538'	common cement.		

		Good Returns		
		Baker Float Collar		

		at 7,349'		
		Baker Stage Collar		

		at 6,379'		
		5 Baker Centralizers		

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WELL DESCRIPTION

WELL LOG

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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)

Permit Number..... 46.....

Name of Owner Texas Eastern
 Transmission Corporation

F E E T

from.....to.....

D I A M.

(inches)

F E E T

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

PUMP INSTALLED

Type

Capacity

Gallons per Minute.....

Gallons per Hour.....

Pump Column Length.....Ft.

REMARKS

Open Hole Completion.....

7,387' to 7,546'.....

Oriskany Sandstone.....

Well Was Completed
 Date October 31, 1964

Well Driller.....
 J. D. Gaden Signature

Acidize - 1st Treatment 7,387' - 7,546'

2000 gals. 10% HCL

Rate: 1 bbl. per min.
 Pressure: max. 2000 psi.
 min. 1800 psi.
 Displaced with water, soap,
 and nitrogen.

Test, After Treatment

1,850 MCFD Gas 7,387' - 7,546'

Acidize - 2nd Treatment 7,387' - 7,546'

10,000 gals 7 1/2% HCL with
 400 SCF N₂ per bbl. acid

Rate: Avg. 11.2 bbls/min
 Pressure: Max. 3,100 psi
 Min. 2,400 psi
 Displaced with soap, water
 and nitrogen.

Test, After Treatment

2,985 MCFD gas 7,387' - 7,546'

Open Hole

6 1/8"

7,387' -
 7,546'

MARYLAND GEOLOGICAL SURVEY
THE JOHNS HOPKINS UNIVERSITY
BALTIMORE, MD. 21218

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

Playford Smith, Well No. 1

OWNER Texas Eastern Transmission Corp.

LOCATION 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 10,377'

Direction from Post Office S 2° 10 min. E

PERMIT TO DRILL WELL

NOT TO BE FILLED IN BY APPLICANT

APPROXIMATE DEPTH OF WELL (feet) 7,800

PERMIT NO. 46 (Forty six)

METHOD OF DRILLING Rotary (air)

The permit is herewith granted subject to the conditions stipulated.

DEEPEST GEOLOGIC FORMATION
WELL WILL BE DRILLED Oriskany

Dennett D. Weaver
Director

DISTANCE OF WELL LOCATION
TO NEAREST BUILDING (feet) 419'

Date September 29, 1964

NUMBER OF SHIFTS PER DAY 3

Special conditions that may apply:

Names of drillers must be furnished prior to drilling and Well is to be used for storage only.

LICENSED DRILLER IN CREW OF EACH SHIFT
NAME ADDRESS

To be furnished prior to drilling.

attached

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

State of Maryland
DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES
The Johns Hopkins University
Baltimore, Maryland 21218

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Direction from Post Office S 2° 10 min. W

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PERMIT NO. _____ METHOD OF DRILLING Rotary (air)

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WELL WILL BE DRILLED Oriskany

Director DISTANCE OF WELL LOCATION
TO NEAREST BUILDING (feet) 419'

Date _____ NUMBER OF SHIFTS PER DAY 3

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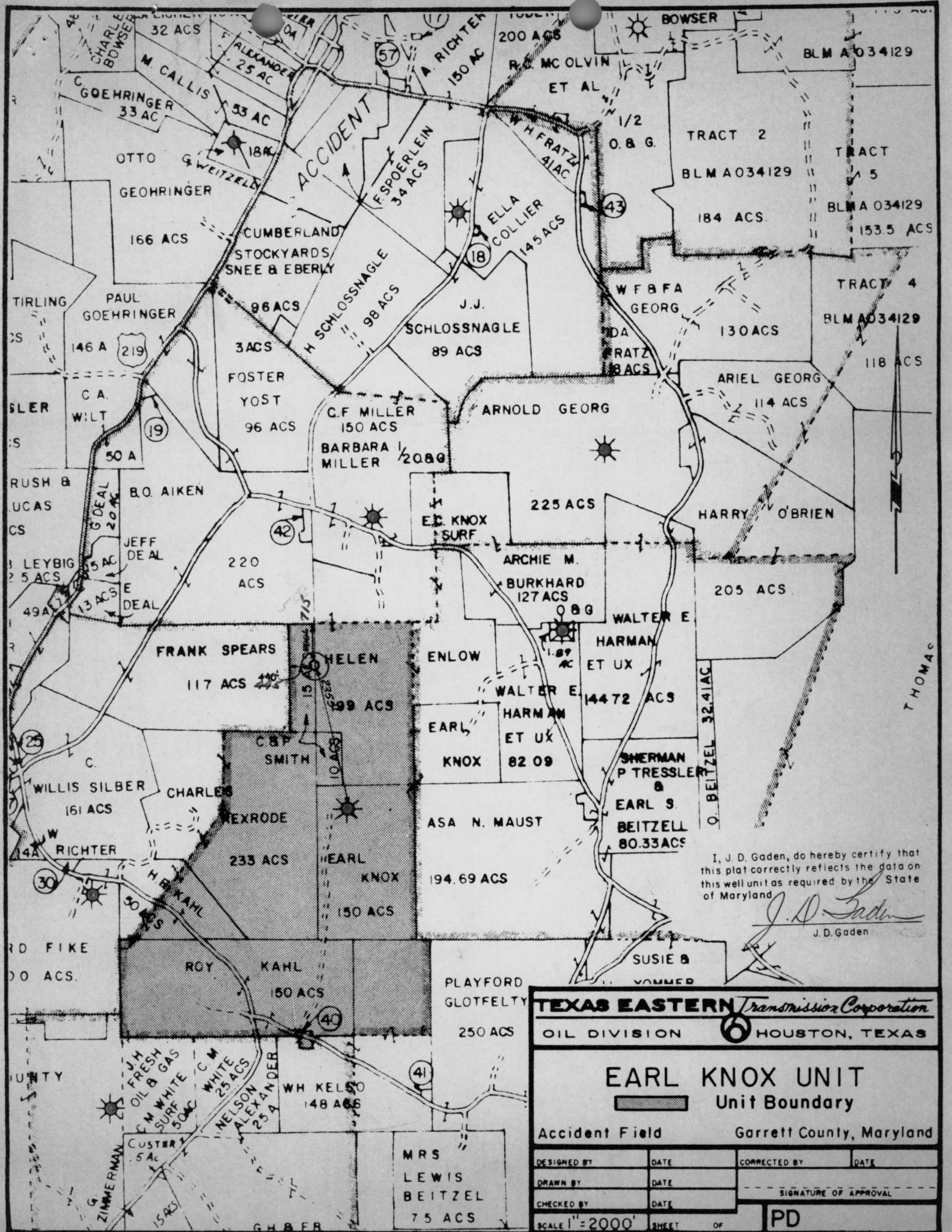
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I, J. D. Gaden, do hereby certify that this plat correctly reflects the data on this well unit as required by the State of Maryland.

J. D. Gaden
J. D. Gaden

TEXAS EASTERN Transmission Corporation
OIL DIVISION **6** HOUSTON, TEXAS

EARL KNOX UNIT
Unit Boundary

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	