Form 5

STATE OF MARYLAND

DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

The Johns Hopkins University
BALTIMORE 18, MARYLAND

WHITEFACE UNIT, WELL NO. 1

WELL COMPLETION REPORT

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

Elevations:
Ground Level 2850 ft.
Kelly Bushing 2866 ft.

WELL DESCRIPTION

Permit Number 26

Name of Owner Texas Eastern Transmission Corporation

WELL LOG

State the kind of formations penetrated, their depth, their thickness, and if water-bearing

Formations Penetrated during original drilling 1957, depths corrected to 1965 measurements:	FEET from	to
Top Onondaga Limestone	7,616'	
Top Huntersville Chert	7,646'	
Top Needmore Shale	7,770'	
Top Oriskany Sandstone	7,810'	
Top Helderberg Limestone	7,937'	
Total Depth	8,194'	
Plug Back Depth	8,072'	

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)

	DIAM. (inches)	FEET from	to
Original Casing 1957	7"	0	7,617'
Original Liner 1958	4 1/2	7,534'	to 8,160'
Original Tubing	2 3/8	0	7732'
Original Perforations: 1958			
Chert:		7,648'	to 7,668'
		7,674'	to 7,710'
		7,720'	to 7,732'

Original Treatment:
Above Perforations - 8,000 gallons Water, 9,000# Sand, and 1000 gallons MCA.

Rework 1964:

13.5# N-80 LT&C 4 1/2" 0 to 7,534'

Pulled 2 3/8" tubing. Perforated 7" casing at 5,015 ft. Could not circulate behind 7" casing. Squeezed perforations at 5,015 ft. with 70 sx Commen Cement. Removed original well head equipment and installed new well head. Cleaned out 7" casing and ran 4 1/2" casing from top of liner at 7,534 ft to surface. Details:

Baker Guide Nose 4 1/2" at 7,534'
Baker Model M Packer 4 1/2" at 7,497'
Baker Ported Float Collar 4 1/2" at 7,495'
Baker Stage Collar 4 1/2" at 6,594'
1 - Baker Metal Petal Basket
11 - Baker Casing Centralizers

Cemented 4 1/2" casing through ported float collar at 7,534' with 50 sx Diacel Cement and 50 sx Commen Cement. Could not open stage collar. Cleaned out 4 1/2" casing and liner. Perforated Oriskany Zone from 7811' to 7839' and 7875' to 7886'. Acidized Oriskany Perforations with 13,000 gallons 12% HCL acid. Tested well with Chert and Oriskany Zones together flowing 1,462 MCFD gas at 110 psi.

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

Reworked well. Did not deepen. Tied back 4 1/2" Liner. Perforated and treated Oriskany Zone. Well completed in both chert and Oriskany zones.

Well Was Completed
Date November 15, 1964

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

Form 5

STATE OF MARYLAND

DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

Whiteface #1 Well

The Johns Hopkins University
BALTIMORE 18, MARYLAND

WELL COMPLETION REPORT

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

Elevation 2872.41 Ground

WELL DESCRIPTION

WELL LOG

State the kind of formations penetrated, their depth, their thickness, and if water-bearing

	FEET from	to
	From	To
Sand	6	186
Gritty Lime	186	250
Red Rock	250	252
Slate	252	262
Lime	262	370
Red Rock	370	374
Slate	374	404
Lime	404	416
Slate	416	436
Lime	436	465
Slate & Shells	465	497
Red Rock	497	532
Lime	532	538
Slate	538	566
Sand	566	619
Slate	619	630
Lime	630	1166
Slate	1166	1167
Sand	1167	1177
Lime	1177	1219
Slate	1219	1230
Lime	1230	1263
Shale & Shells	1263	1330
Shale & Lime	1330	1525
Shale & Sand	1525	1555
Shale & Lime	1555	1820
Shale & Lime Sand	1820	2005
Shale & Sand	2005	2057
Shale & Sandy Lime	2057	2115
Shale	2115	2370
Shale & Lime	2370	2425
Sand & Shale	2425	2544
Sand & Stks Shale	2544	2710
Lime	2710	2891
Lime & Shale	2891	3370
Shale & Sand	3370	3580
Shale & Sand Lime	3580	3602
Shale & Lime	3602	3652
Shale Streaked w/Lime	3652	3720
Shale & Sand w/Lime	3720	3815
Shale & Lime	3815	3850
Shale & Sand	3850	4005

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)

	DIAM. (inches)	FEET from	to
13 3/8" OD Casing set @ 13'			
9 5/8" OD Casing set @ 1253'	8"		
7" OD Casing set @ 7619'			
2 3/8" Tubing set @ 7955'			
Water @ 100' 2 1/2 Bailers per hour			
Water @ 350 ' Hole full			
Water 3500' to 3520'			
Gas @ 7800' to 7814'			
792,000 MCF per Day			
Tested @ 7814'			
792,000 MCF per Day			
Tested @ 7845'			
860,000 MCF per Day			
Tested @ 7874'			
893,000 MCF per Day			
Tested @ 7904'			
1,704,000 MCF per Day			
Tested @ 8146'			
1,648,000 MCF per Day			

Permit Number 26

Name of Owner Wm. E. Snee & Orville Eberly

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

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Well Was Completed

Date .....

Well Driller .....

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Signature

Form 5

STATE OF MARYLAND

DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

The Johns Hopkins University
BALTIMORE 18, MARYLAND

WELL COMPLETION REPORT

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

WELL DESCRIPTION

WELL LOG

State the kind of formations penetrated, their depth, their thickness, and if water-bearing

	FEET from	FEET to
	From	To
Shale & Lime	4005	4950
Shale, Lime & Sand	4950	5050
Shale & Lime	5050	5850
Shale	5850	6250
Shale & Sand	6250	6300
Shale	6300	6625
Shale w/Broken Lime	6625	6884
Lime & Shale	6884	6990
Shale & Lime Stks.	6990	7025
Lime & Shale	7025	7195
Shale	7195	7280
Lime & Shale	7280	7310
Shale	7310	7365
Lime	7365	7380
Lime	7380	7390
Lime & Shale	7390	7430
Lime	7430	7450
Shale	7450	7480
Lime	7480	7500
Shale & Lime	7500	7603
Brown Break	7603	7605
Onondago Lime	7605	7637
Chert	7637	7766
Shale	7766	7793
Lime	7793	7799
Oriskany Sand	7799	7919
Lime	7919	7972
Lime	7972	7988
Lime	7988	8183
Total Depth	8183	

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)

	DIAM. (inches)	FEET from	FEET to

Permit Number #26

Name of Owner .....

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

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Well Was Completed

Date October 22, 1957

Well Driller

Robert E. Eberly

Signature

Form A

#26

State of Maryland
DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES
The Johns Hopkins University
Baltimore 18, Maryland

WHITEFACE #1 WELL

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

OWNER William E. Snee & Orville Eberly

STREET or R.F.D. 208 Union Trust Bldg

POST OFFICE Uniontown

Pennsylvania

PERMIT TO DRILL WELL

NOT TO BE FILLED IN BY APPLICANT

PERMIT NO. Twenty Six (26)

The permit is herewith granted subject to the conditions stipulated.

Director

Date July 19, 1957

Special conditions that may apply:

LOCATION OF WELL

COUNTY Garrett

NEAREST POSTOFFICE McHenry, Md.

Distance from Post Office 10,250'

Direction from Post Office N.35° E.

APPROXIMATE DEPTH OF WELL (feet) 8,000

METHOD OF DRILLING Cable tools to about 2,00'
Complete with rotary

DEEPEST GEOLOGIC FORMATION
WELL WILL BE DRILLED Oriskany

DISTANCE OF WELL LOCATION
TO NEAREST BUILDING (feet) 1,400

NUMBER OF SHIFTS PER DAY Cable toold - two
Rotary - three

LICENSED DRILLER IN CREW OF EACH SHIFT

NAME	Cable tools:	ADDRESS
Eric C.Gashel,		RFD #1, Claysville, Pa.
S.R.Simpson,		RFD #2, Avella, Pa.
Floyd Wright,		RFD #1, Graysville, Pa.

Names & addresses of rotary drillers will be furnished before rotary drilling commences.
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 sheet for these owners

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