



Fracture		I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia. The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.
Before 6/5/29	<input type="checkbox"/>	
New Location	<input checked="" type="checkbox"/>	
Drill Deeper	<input type="checkbox"/>	
Redrill	<input type="checkbox"/>	
Abandonment	<input type="checkbox"/>	

Company COLUMBIA GAS TRANSMISSION CORP.

Address CHARLESTON W. VA.

Farm TERRA ALTA LAND CO. ET. AL.

Tract \_\_\_\_\_ Acres 1555 Lease No. AS-572 B

Well (Farm) No. \_\_\_\_\_ Serial No. 7534

Elevation (Spirit Level) 2023.23'

Quadrangle KINGWOOD

County PRESTON District UNION

Engineer Clara Handman

Engineer's Registration No. 2330

File No. 170-127 Drawing No. \_\_\_\_\_

Date MAR. 11, '71 Scale 1" = 400'

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

**WELL LOCATION MAP**  
FILE NO. PRES-162

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION 13

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Kingwood  
Permit No. Pres. 162

WELL RECORD

Oil or Gas Well Gas (KIND)

Company Columbia Gas Transmission Corporation  
Address P. O. Box 1067, Elkins, W. Va.  
Farm Terra Alta Land Co., Et. Al Acres 1555  
Location (waters) Branch of Big Run  
Well No. X-76-S. 7534 Elev. 2023'  
District Union County Preston  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced October 18, 1971  
Drilling completed October 30, 1971  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume Show \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) (See Reverse Side)  
WELL FRACTURED (DETAILS)

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size	Ground Level		
16.			Kind of Packer
13.3/8"	30'	30'	Size of
10.			Depth set
9 5/8"	2180'	2180'	Perf. top (See Reverse Side)
6 7/8"	5133'	5133'	
5 3/16			Perf. bottom
4 1/2			
3			
2.3/8"	5447'	5447'	
Liners Used			

Attach copy of cementing record.  
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
Amount of cement used (bags) (See Reverse Side)  
Name of Service Co. Halliburton & Dowell  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 5,398 Mcf 5,398.000  
ROCK PRESSURE AFTER TREATMENT 1800 # HOURS 1  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Oriskany and Chert Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale and Siltstone			0'	4684'	Measured	from K.B.	
✓ Tully Lime			4684'	4714'			
Shale			4714'	5120'			
✓ Onondaga Lime			5120'	5142'			
✓ Chert - Huntersville			5142'	5274'			
✓ Shale - NEED MORE			5274'	5286'			
✓ Oriskany Sand			5286'	5414'	Gas		
✓ Helderberg Lime			5414'				
Total Depth				5454'			
				<u>485</u>			
					5120	5286	5414
					2023	2023	2023
					3097	3263	3391

(over)

FEB 7 1972

Formation	Color	Hard or Soft	Top /3	Bottom	Oil, Gas or Water	Depth Found	Remarks
<b>NOTE:</b>							
13 3/8"	48#/ft.,	H-40, casing	cemented to surface with 25 sacks cement plus 2% CaCl.	October 18, 1971.	30' ground level, 47' kelly bushing.		
9 5/8"	36#/ft.,	K-55, casing	cemented to surface with 630 sacks of Gilsonite plus 2% CaCl.	October 23, 1971.	Casing set at 2180' ground level, 2197' kelly bushing, 2177' threads off, 2193' threads on.		
7"	23#/ft.,	K-55, Seal-lok casing	cemented in 1000' with 220 cu. ft. of Dowells RFC cement plus Kolite,	October 27, 1971.	Gel drilling mud to surface with 1 drum Baroids B-33. Casing set 5' in chert. Casing set at 5133' ground level, 5148' kelly bushing, 5137' threads off, 5181' threads on.		
2 3/8"	4.6#/ft.,	J-55, Seal-lok tubing	run to T.D., (1) Baker Model "J" ported seating nipple, (1) Baker Model BFC Model "L" sliding sleeve. Sliding sleeve is 429' off bottom.	October 30, 1971.	5447' ground level, 5457' kelly bushing, 5442' threads off, 548' threads on.		
<b>Perforations:</b>							
Chert and Oriskany open hole.							
<b>Logging:</b>							
Gamma Ray - Collar log and temperature (4600' - 5457') October 30, 1971.							
<b>Stimulation:</b>							
<u>November 10, 1971</u>							
1840# rock pressure, unloaded, would not gauge. Added 5 gallons soap plus 25 barrels of fresh water and unloaded. No results, unable to gauge.							
<u>November 11, 1971</u>							
500# rock pressure, Halliburton treated well using 10,000 gallons 20% HCL acid, 800 barrels of fresh water, 40 BPM, 3000# average pressure, plus N <sub>2</sub> .							
<u>November 15, 1971</u>							
Final open flow. 1800# rock pressure, 5.398 M . Dry.							

Date January 20, 1972

APPROVED Columbia Gas Transmission Corporation, Owner

By *W. M. Jones*  
(Time)  
Production and Storage Superintendent