



Fracture Before 6/5/29 <input type="checkbox"/>	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.
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: ROBERT P. WILES, ET. AL.

Tract: _____ Acres 150 Lease No. A5-1115

Well (Farm) No. _____ Serial No. 7535

Elevation (Spirit Level) 2604.25'

Quadrangle KINGWOOD

County PRESTON District UNION

Engineer Arthur E. Hoffman

Engineer's Registration No. 2890

File No. 170-127 Drawing No. _____

Date APR. 20, '71 Scale 1" = 400'

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

WELL LOCATION MAP
FILE NO. PRES-164

+ 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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JAN 26 1972

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

Rotary
Spudder
Cable Tools
Storage

Quadrangle Kingwood

Permit No. Pres. 164

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Columbia Gas Transmission Corporation
Address P. O. Box 1067, Elkins, West Virginia
Farm Robert P. Wiles Acres 150

Location (waters) Madison Run
Well No. X-76-S 7535 Elev. 2604

District Union County Preston

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by _____
Address _____

Drilling commenced September 26, 1971

Drilling completed October 11, 1971

Date Shot _____ From _____ To _____

With _____

Open Flow 12 /10ths Water in 2 Inch

_____ /10ths Merc. in _____ Inch

Volume 146 M 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	Kind of Packer
16.			
13. 3/8"	29'	29'	
10.			Size of
8 1/2 9 5/8"	2584'	2584'	
8 1/4 7"	6247'	6247'	Depth set
5 3/16			
4 1/2			
3.			Perf. top (See
2. 3/8"	6571'	6571'	Perf. bottom Reverse
Liners Used			Perf. top Side)
			Perf. bottom

Attach copy of cementing record.

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

Amount of cement used (bags) (See Reverse Side)

Name of Service Co. Dowell

COAL WAS ENCOUNTERED AT None FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 7,200 Mcf 7,200 Mcf

ROCK PRESSURE AFTER TREATMENT 2285# 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
✓ Tully			5757'	5794'	Measured	from K.B.	
Shale			5794'	6230'			
✓ Onondaga			6230'	6255'			
✓ Chert - Huntersville			6255'	6391'	Gas		
✓ Shale - NEEDMORSE			6391'	6408'			
✓ Oriskany			6408'	6541'			
✓ Helderberg			6541'		Gas		
Total Depth				6582'			
				(ASE)	6230	6408	6541
					2604	2604	2604
					3626	3804	3937

Formation	Color	Hard or Soft	Top 15	Bottom	Oil, Gas or Water	Depth Found	Remarks
NOTE:							
13 3/8"	48#/ft.,	K-40 casing cemented to surface with 25 sacks cement plus 2% CaCl.	September 26, 1971.	29' ground level, 46' kelly bushing.			
9 5/8"	36#/ft.,	K-55, casing cemented to surface with 740 sacks of Kolite plus 2% CaCl.	October 3, 1971.	Casing Set at 2584' ground level, 2601' kelly bushing, 2580' threads off, 2599' threads on.			
7"	23#/ft.,	K-55, plus 13 joints of 23#/ft., N-80, Seal-lok casing cemented in 1000' with 220 cu. ft. of Dowells RFC cement plus kolite,	October 8, 1971.	Gel drilling mud to surface with 1 drum Baroids B-33. Casing set at 6247' ground level, 6261' kelly bushing, 6247' threads off, 6300' threads on.			
2 3/8"	4.6#/ft.,	J-55, Seal-lok tubing run to total depth, (1) Baker Model "J" ported seating nipple, (1) Baker RFC Model "L" sliding sleeve. Sliding sleeve is 425' off bottom.	October 11, 1971.	6571' ground level, 6581' kelly bushing, 6566' threads off, 6615' threads on.			
Perforations:							
		Chert and Oriskany open hole					
Logging:							
		Gamma Ray-- Collar log and temperature (5600' - 6586') October 11, 1971					
Stimulation:							
		<u>October 19, 1971</u>					
		2150# rock pressure, unloaded. Added 5 gallons of soap plus 25 barrels of fresh water and unloaded. After 1 hour well gauged "21/10" water in 2" or 176 M.					
		<u>October 26, 1971</u>					
		2150# rock pressure. Halliburton treated well using 1000 gallons 20% HCL acid, 800 barrels of fresh water, 40 BPM, 2800# average pressure, plus N ₂ .					
		<u>October 27, 1971</u>					
		"94/10" mercury in 4", 6.003 M wet.					
		<u>October 29, 1971</u>					
		Final open flow, 2285# rock pressure, 7.2 M, mist.					

Date January 20, 19 72

APPROVED Columbia Gas Transmission Corporation, Owner

By *[Signature]*
Production and Storage Superintendent