

"BENCH MARK"
 4.45 Mi. NW Along A Gravel Road From The Bridge Over North Fk. Of Leeck. At Wedeville, At Intersection Of State Highway 2, About 0.25 Mi. North Along Highway 2 From Bridge Over North Fork Of Leeck, 4 1/2' WNW Of 1/4' Of Highway, 70' WSW Of Center Of Intersection, 201' South SE Of SE Corner Of A White Frame House, 7 1/2' North Of A Power Pole, 2' SE Of A White Wooden Witness Post, About 1 1/2' Below Level Of Highway And Set In Top Of A Concrete Post Projecting 4". Elev. 659.871'

"NOTE"
 Location To Be Drilled On 277.5 A9 Merger

ACCURACY: One Part In 200

- Fracture Before 6/5/29
- New Location
- Drill Deeper
- Redrill
- Abandonment 6-25-21

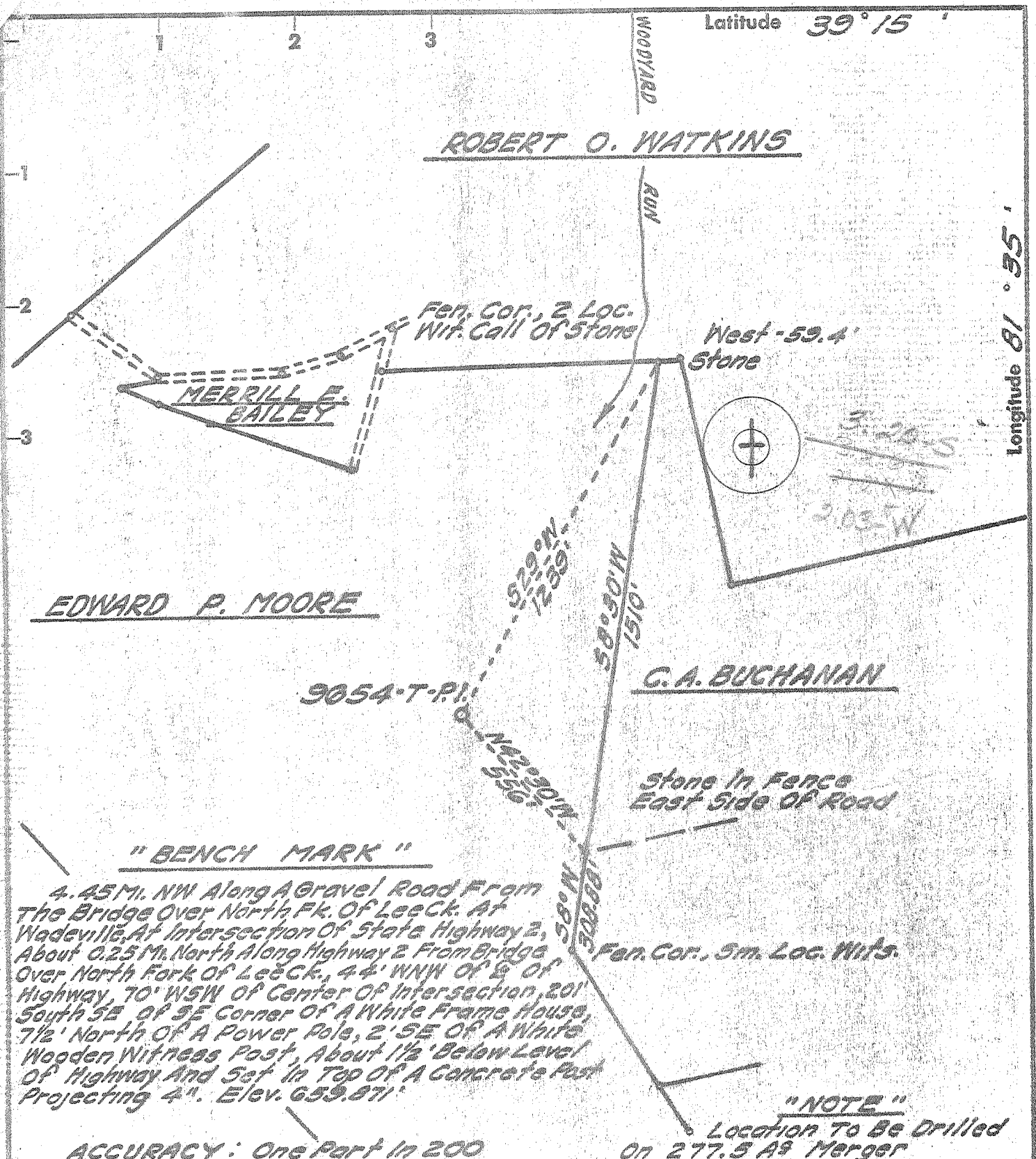
I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.
 The accuracy of this survey is within the limits and as prescribed in Paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.

Company COLUMBIA GAS TRANSMISSION CORP.
 Address CHARLESTON, W. VA.
 Farm EDWARD P. MOORE, ET AL.
 Tract 100% of 271.2 Unit. Lease No. 63357
 Well (Farm) No. _____ Serial No. 9654-T.P.I.
 Elevation (Spirit Level) 731.88'
 Quadrangle BELLEVILLE NW
 County WOOD District LUBECK
 Engineer Henry J. Tester
 Engineer's Registration No. L.S. 102
 File No. 62-117 Drawing No. _____
 Date JULY 1, '71 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. WOOD-598-P

+ 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.



" BENCH MARK "
 4.45 Mi. NW Along A Gravel Road From The Bridge Over North Fk. Of Leeck. At Wadeville, At Intersection Of State Highway 2, About 0.25 Mi. North Along Highway 2 From Bridge Over North Fork Of Leeck, 4 1/2' WNW Of 1/4 Of Highway, 70' WSW Of Center Of Intersection, 20' South 5E Of SE Corner Of A White Frame House, 7 1/2' North Of A Power Pole, 2' SE Of A White Wooden Witness Post, About 1 1/2' Below Level Of Highway And Set In Top Of A Concrete Post Projecting 4". Elev. 659.871'

ACCURACY: One Part In 200

Fracture	
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"/>

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.

Company COLUMBIA GAS TRANSMISSION CORP.
 Address CHARLESTON, W. VA.
 Farm EDWARD P. MOORE, ET AL.
 Tract 100 1/4 Acres ^{of 277.5 Unit} Lease No. 9654-T.P.I.
 Well (Farm) No. _____ Serial No. 731.88'
 Elevation (Spirit Level) 731.88'
 Quadrangle BELLEVILLE NC
 County WOOD District LUBECK
 Engineer Henry J. Foster
 Engineer's Registration No. L.S. 102
 File No. 62-117 Drawing No. _____
 Date JULY 1, '71 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. WOOD-598

+ 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.

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RECEIVED

AUG 30 1971

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

Rotary

Sonder

Cable Tools

Storage

Oil or Gas Well

Dry Hole
(KIND)

Quadrangle Belleville
62-117
 Permit No. WOOD 598

WELL RECORD

Company Columbia Gas Transmission Corporation
 Address Charleston, West Virginia
 Farm E.P. Moore, et. al. Acres 278
 Location (waters) Woodyard Run
 Well No. 9654 T-PI Elev. 731.88'
 District Lubeck County Wood
 The surface of tract is owned in fee by E.P. Moore
 Address Lubeck W. Va.
 Mineral rights are owned by E.P. Moore
 Address Lubeck, W. Va.
 Drilling commenced August 12, 1971
 Drilling completed August 24, 1971
 Date Shot From To
 With
 Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
 Volume Cu. Ft.
 Rock Pressure lbs. hrs.
 Oil bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS)
 WELL FRACTURED (DETAILS)

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	187'	187'	
9 5/8"	2120'	2120'	Size of
8 1/4			
6 3/4			Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
 CASING CEMENTED 9 5/8" SIZE 2120' No. Ft. 8/16/71 Date
 Amount of cement used (bags) 850 Bags
 Name of Service Co. Halliburton
 COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.)
 ROCK PRESSURE AFTER TREATMENT HOURS
 Fresh Water Feet Salt Water Salt Sand Feet 1105'
 Producing Sand Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	11			Log tops:
Sd. & Shale			11	202			Onon 4382-4487
Shale			202	290			Orisk 4487-4530
Sd. & Shale			290	532			Will 5272-77
Shale			532	1105			Keifer 5603-41
Salt Sand			1105	1788			Rox Hill 5641-5919
Line - <u>Byline</u>			1788	1890			Packer sh. 5919-30
Injun Sand			1890	1922			U. Clint. 5965-604
Shale			1922	4388			L. Tusc. 6101-6115
Line - <u>Onon daga</u>			4388	4500			Jan 6115-
Oriskany			4500	4530			
Dolomite	<u>Helderberg, Salina</u>		4530	5278			
Newburg			5278	5286			
Dolomite - <u>Lockport/Mckencie</u>			5286	5605			
Shale - <u>Rox Hill</u>			5605	5960			
Clinton - <u>Tuscarora</u>			5960	6148			
TOTAL DEPTH				6148			

(over)
 P.I. rept. gas show
 5274 (Log top
 Newb 5272-77)
 SEP 9 1971