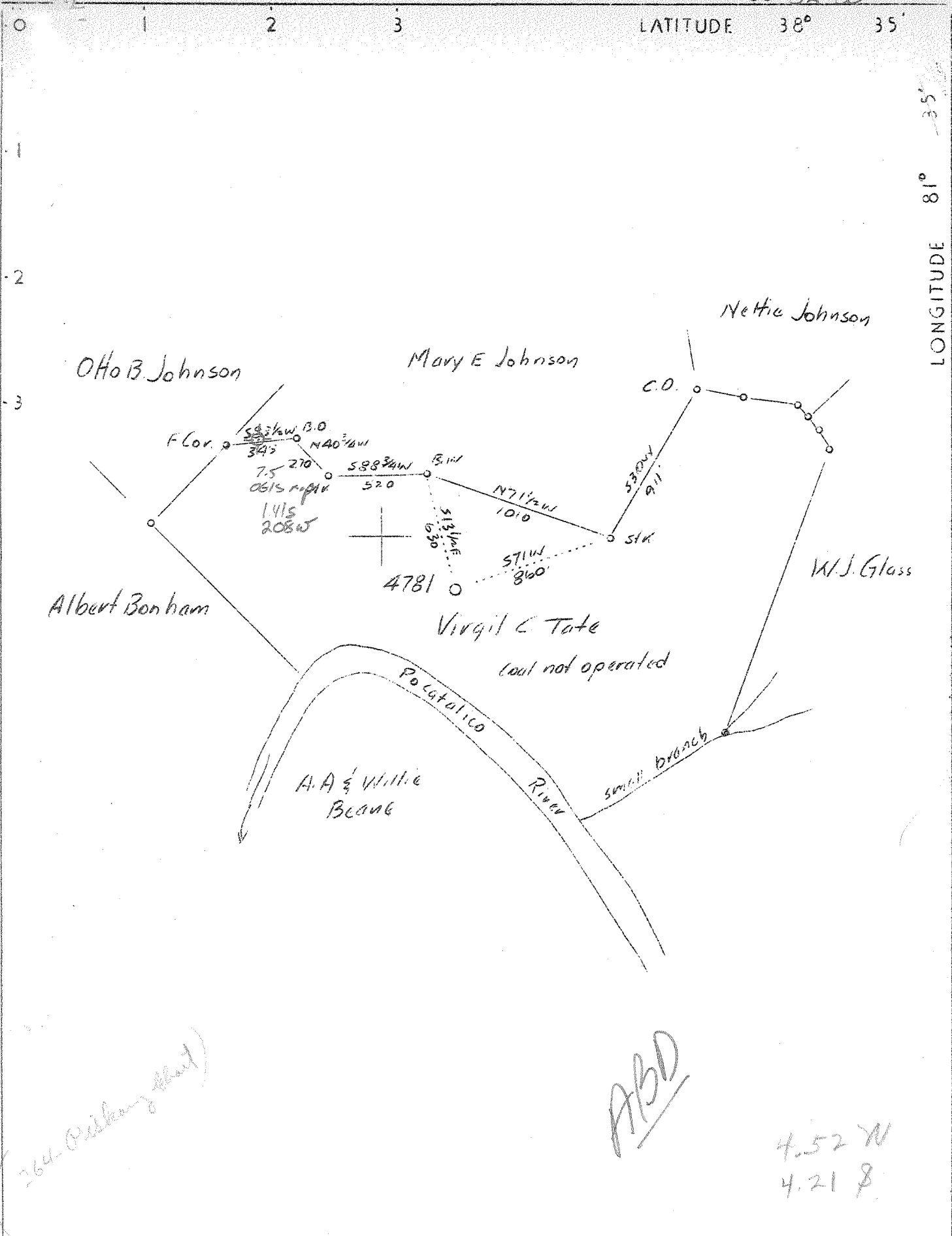


38° 32' 30"

LATITUDE 38° 35'

LONGITUDE 81° 35' 30"



264. Oribany (chart)

ABD

4.52 W
4.21 B

Company	United Fuel Gas Co.
Address	Charleston, W.Va.
Farm	Virgil C. Tate
Tract	Acres 90 Lease No. 40822
Well (Farm) No.	1 Serial No. 4781
Elevation (Spirit Level)	
Quadrangle	Kenna (Sb.)
County	Kanawha District Foca
Engineer	G.A. Cunningham
Engineer's Registration No.	659
File No.	60-71 Drawing No.
Date	Sept. 23, 1937 Scale 1"=660'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 File No. KAN-480

+ 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.

Virgil C. Tate, no. 1 (4781)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. Kan 480

Gas Well

Kenna Quad.

CASING & TUBING

Company	United Fuel Gas Co.	14	494	494
Address	Charleston, W.Va.	10	1582	1582
Farm	Virgil C. Tate Acres 90	8 1/4	1793	1793
Location	Pocatalico River	7" O.D.	4789	4789
Well No.	4781 Elev. 679.78			
District	Poca County Kanawha			
Surface	Virgil C. Tate, Sissonville, W.Va.			
Mineral	Same			
Drilling	Commenced Oct. 18, 1937			
	Completed Feb. 2, 1938			
Date Shot	Not shot			
Volume	969,000 Cu. Ft.			
				CASING CEMENTED: 8 5/8", 1784'. 7" O.D., 4727'.

PACKER

None

Formation	Color	Hor	Top	Base	Result	Formation	Color	Hor	Top	Base	Result
Sub Surface				12							
Slate	Blue			12	40						
Red Rock				40	60						
Slate	Blue			60	102						
Red Rock				102	150						
Sand				150	180						
Slate	Blue			180	273						
Red Rock				273	325						
Slate & Shell				325	365						
Sand				365	409						
Blossum Coal				409	412						
Slate & Shell				412	460						
Sand				460	504						
Slate	Blue			504	558						
Sand				558	575						
Slate & Shell				575	1005						
Sand				1005	1065						
Slate	Black			1065	1070	Water					
Salt Sand				1070	1438	1135					
Slate	Black			1438	1444	Hole					
Maxon Sand				1444	1460	Full					
Slate	Black			1460	1462						
Sand				1462	1540						
Pencil Cave				1540	1545						
Big Lime				1545	1697						
Big Injun				1697	1767						
Slate & Shell				1767	2158						
Shale	Brown			2158	2168						
Berea Grit				2168	2182						
Slate & Shell				2182	3805						
Shale	Brown			3805	3975						
Slate	White			3975	4400						
Shale	Brown			4400	4650						
Slate	Black			4650	4712						
Corniferous Lime				4712	4820						
Oriskany Sand				4820							
TOTAL DEPTH					4861	Gas					
						4822-					
						4825-					
						4830-					
						4834-					
						4848-					
						4851					