



Company United Fuel Gas Co. & United Carbon Co.
 Address Charleston, W.Va.
 Farm W.J. Glass et al
 Tract Acres 80 Lease No. 40316
 Well (Farm) No. 1 Serial No. 4787
 Elevation (Spirit Level)
 Quadrangle Kenna S.C.
 County Kanawha District Poca
 Engineer G.A. Cunningham
 Engineer's Registration No. 659
 File No. 62-69 Drawing No.
 Date Jan. 10, 1938 Scale 1"-660'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 File No. KAN-508
 + 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.

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Kar-508

Gas Well

Kenna Quad.

CASING & TUBING

Company	United Fuel Gas Co.	10"	647	647
Address	Charleston, W. Va.	8-5/8	1803	1803
Farm	W. J. Glass, et al ACRES 80	7 O.D.	4837	4837
Location	Grapevine Creek			
Well No.	4787 - Elev. 851.9			
District	Poca County Kanawha	Casing Cemented.		
Surface & Mineral	W. J. Glass, et al	Size	Feet	
Address	Sissonville, W. Va.	7"	4822	
Drilling commenced	April 19, 1938			
Drilling completed	Sept. 2, 1938			
Date shot	Not shot			
Open Flow	35/10ths Merc. in 7-inch			
Volume	9,237,000 c.f.			
Rock Pressure	1455 lbs. 48 hrs.			
Water	-			

Formation Color ^{HAR} TOP BASE RESULT Formation Color ^{HAR} TOP BASE RESULT

Formation	Color	^{HAR}	TOP	BASE	RESULT	Formation	Color	^{HAR}	TOP	BASE	RESULT
Surface					10						
Blue Slate		10			75						
Red Rock		75			80						
Blue Slate		80			130						
Red Rock		130			250						
Slate		250			270						
Red Rock		270			350						
White Slate		350			360						
Grey Sand		360			411						
Red Rock		411			430						
Sand		430			530						
Slate & Shell		530			595						
Slate		595			648						
Sand		648			730						
Slate		730			780						
Sand		780			850						
Slate		850			950						
Sand		950			974						
Slate & Shell		974			1048						
Gas Sand		1048			1148						
Salt Sand		1148			1524						
Slate		1524			1536						
Little Lime		1536			1561						
Pencil Cave		1561			1565						
Big Lime		1565			1726						
Big Injun		1726			1796						
Slate & Shells		1796			1940						
Weir Shells		1940			2000						
Slate & Shell		2000			2191						
Berea Sand		2191			2202						
Slate & Shell		2202			2575						
Black Lime		2575			2652						
Slate & Shell		2652			3407						
Brown Shale		3407			3475						
Slate & Shell		3475			3870						
Shale & Shells		3870			4053						
White Slate		4053			4490						
Brown Shale		4490			4822						
Corniferous		4822			4925						
Criskany		4925									
Gas		4925			4926						
Gas		4926			4935						