



Company	UNITED FUEL GAS CO.
Address	CHARLESTON, W.VA.
Farm	GEORGES CREEK LAND & MINING CO.
Tract	Acres 2663 Lease No. 21661
Well (Farm) No.	9 Serial No. 4742
Elevation (Spirit Level)	956.95' - DERRICK FLOOR
Quadrangle	CHARLESTON SE
County	KANAWHA District MALDEN
Engineer	J. A. Cunningham
Engineer's Registration No.	659
File No.	68-55 Drawing No.
Date	MAR 30 1937 Scale 1" = 1320'

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

WELL LOCATION MAP
FILE NO. KAN-354-REDRILL
12-28-62

+ 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 AND GAS DIVISION

WELL RECORD

Permit No. Kan-354

Gas Well

Charleston Quad.

CASING & TUBING

Company	United Fuel Gas Co.	14 O.D.	62	59
Address	Charleston, W.Va.	10 $\frac{3}{4}$ "	382	374
Farm	Georges Crk. L & M Co. Acres 2663	8 5/8	1500	1492
Location	Campbells Creek	6 5/8	4796	4793
Well No.	4742	Elev. 956.95	2	4874
District	Malden	County Kanawha		
Surface	Georges Creek L & M Co., New York City			PACKER
Mineral	Same			
Drilling	Commenced May 20, 1937	None		
	Completed Sept. 4, 1937			
Date Shot	Sept. 6, 1937	Depth 4830	Shut in 6 5/8" O.D.	
Volume	1,024,000 Cu.Ft. A.S.			
Rock Press.	780# 48 hrs.		Perf. top	4852
			Perf. bottom	4864

Formation	Color	Hor	TOP	Base	Result	Formation	Color	Hor	TOP	Base	Result
Slate		S	0	29		Shale	Brown		4278	4338	
Gravel			29	52		Slate	White		4338	4365	
Lime			52	95		Shale	Brown		4365	4430	
Slate&Shells			95	160		Shale	Brown		4430	4450	
Coal			160	163		Shale	Brown		4450	4605	
Slate	White		163	196		Slate	White		4605	4667	Gas
Lime			196	206		Shale	Brown		4667	4734	4842-
Sand			206	226		Corniferous Lime			4734	4830	4845
Slate & Shells			226	242		Oriskany Sand			4830	4864	
Coal			242	245		TOTAL DEPTH			(475)	4864	Gas
Slate & Shells			245	275							4845-
Sand			275	325							4848
Coal			325	327							
Slate			327	360							Gas
Slate&Shells			360	375							4848-
Slate			375	380							4852
Sand			380	395							
Slate			395	397							
Sand			397	480							
Slate	Blue		480	510							
Salt Sand			510	710	Sh. Gas						
Lime	Black		710	740	510'						
2nd Salt Sand			740	955	Gas						
Slate			955	1025	690-695						
Sand			1025	1117	Water						
Slate			1117	1120	835' -						
Red Rock			1120	1125	Hard,						
Slate			1125	1140	Hole						
Lime			1140	1145	Full.						
Slate&Red Rock			1145	1148							
Sand			1148	1150							
Slate			1150	1190							
Maxon Sand			1190	1255							
Little Lime			1255	1285							
Pencil Cave			1285	1287							
Big Lime			1287	1480							
Injun Sand			1480	1540							
Slate Lime			1540	3095							
Shale	Brown		3095	3170							
Slate	White		3170	3417							
Slate	Brown		3417	3440							
Slate & Shells			3440	4278							



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 RE - DRILL - -
WELL RECORD

Quadrangle Charleston
 Permit No. KAN-354-R^W

Oil or Gas Well Gas
 (KIND)

Company United Fuel Gas Company
 Address P. O. Box 1273 Charleston 25, W. Va.
 Farm Georges Creek Land & Mining Co. #9 2663
 Location (waters) Left Fork of Spring Fork
 Well No. 4742 Elev. 956.95'
 District Malden County Kanawha
 The surface of tract is owned in fee by _____
 Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			
10		375'	Size of _____
8 1/4			
6 5/8			Depth set _____
5 1/2		1598	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

Mineral rights are owned by Georges Creek Land & Min. Co. 65%
Kenneth O. Shrewsbury Address 3314 "P" St., N. W.
Washington, D. C.

Drilling commenced 5-23-63
 Drilling completed 6-4-63
 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.

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

WELL ACIDIZED _____

WELL FRACTURED 125/10 W in 3"
Shut in June 4, 1963 in 5"

RESULT AFTER TREATMENT 1,061 Cu. Ft. R.P. 350
 ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Salt Sand			740	955			
Big Lime			1287	1480			
Injun			1480	1520			
Slate-Shells			1520	1580			
Total Depth			1580'				
			(370)				

