



Company	United Fuel Gas Co.
Address	Charleston, W.Va.
Farm	Alexander J. Bruen et al
Tract	Acres 1596 Lease No. 860
Well (Farm) No.	7 Serial No. 4767
Elevation (Spirit Level)	
Quadrangle	Kenna 50
County	Kanawha District Poca
Engineer	G.A. Cunningham
Engineer's Registration No.	659
File No.	62-71 Drawing No.
Date	Aug. 17, 1937 Scale 1"=660'

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

WELL LOCATION MAP

File No. KAN-454-D

—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. Kan-454

Gas Well

Konna Quad.

CASING & TUBING

Company	United Fuel Gas Co.	14	596	596
Address	Charleston, W. Va.	10	1706	1706
Farm	A. J. Brush - Acres 1596	8-1/4	1956	1956
Location	Grapevine Creek	6-5/8	7" 4980	4980
Well No.	4767 - Elev. 959.45			
District	Poca - County Kanawha			
Surface	John Moss, Sissonville, W.Va.			
Mineral	A. J. Bruen, Jr. & Mrs.	CASING CEMENTED:		
	Alexander L. Ide, New York	Size	Feet	
Drilling Commenced	Oct. 20, 1937	8-5/8	1956	
Drilling Completed	Feb. 23, 1938	7	5082	
Date Shot	Not Shot			
Open Flow	80/10ths Merc. in 7"			
Volume	15,767,000 c.f.			
Rock Pressure	1515 lbs. 48 hrs.			
Salt Water	1325 - Fresh Water 800'			

Formation	Color	Har	TOP	Base	Result	Formation	Color	Har	TOP	Base	Result
Clay				16							
Sand			16	40							
Slate			40	50							
Sand			50	80							
Slate			80	180							
Sand			180	220							
Red Rock			220	390							
Slate			390	430							
Lime			430	440							
Red Rock			440	520							
Sand			520	570							
Slate			570	596							
Sand			596	660							
Slate			660	680							
Sand			680	882	Water at 800'						
Slate			882	947							
Sand			947	1000							
Slate & Shell			1000	1060							
Sand			1060	1090							
Slate			1090	1195							
Sand			1195	1243							
Lime			1243	1290							
Slate			1290	1295	Show gas 1225'						
Salt Sand			1295	1600	Show Gas at 1312 water at 1325						
Slate			1600	1605							
Maxon Sand			1605	1670							
Slate			1670	1675							
Little Lime			1675	1702							
Slate			1702	1705							
Big Lime			1705	1855	Gas at 1820						
Big Injun Sand			1855	1915							
Slate & Shell			1915	1956	8-5/8" casing at 1956' SLM Cemented						
Weir Shell			1956	2036							
Slate			2036	2318							
Brown Shale			2318	2328							
Ferea Grit			2328	2335							
Slate & Shell			2335	3550							
Brown Shale			3550	3625							
Lime			3625	3750							
Slate & Shell			3750	3925							
Brown Shale			3925	4160							
White Slate			4160	4550							
Brown Shale			4550	4948							
Black Shale			4948	4960	Gas 5082 to 5092						
Corniferous Lime			4960								
do			4960	5080	Steel line run at 4980 measurement corrected.						
7" OD 24# Casing				4980	Run on Shoe and cemented in hole						
ORISKANY SAND			5080		Gas 5082 to 5093						
Total Depth				5093	Cable Measurement						

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Kan-454-D
Kenna Quad.

Gas Well

Company United Fuel Gas Co.
Address P. O. Box 1256, Charleston, W. Va.
Farm A. J. Bruen, Hrs. ACRES 1596
Location Birch Branch of Grapevine Creek
Well No. 4767 ELEV. 959.45
District Poca - Kanawha County
Surface John Moss, Sissonville, W. Va.
Mineral A. J. Bruen Hrs., New York, N. Y.
Commenced July 3, 1940
Completed July 11, 1940
Open Flow -
Volume Gas Well
Rock Pressure -
Water -

CASING & TUBING
(No record given)

Original Depth	5093
Oriskany Sand	5080 5123
Total Depth	5123