



Company	United Fuel Gas Co.
Address	Charleston, W.Va.
Farm	Mamie A. Ray
Tract	Acres 315 Lease No. 40271
Well (Farm) No.	1 Serial No. 4762
Elevation (Spirit Level)	683.5 ft
Quadrangle	Kenna - 50
County	Kanawha District Poca
Engineer	G.A. Cunningham
Engineer's Registration No.	659
File No.	66-69 Drawing No.
Date	Aug., 4, 1937 Scale 1"-660'

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

WELL LOCATION MAP
 File No. KAN-440

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.

Deep Well

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Kan-440
Kenna Quad.

Gas Well

CASING & TUBING

Company United Fuel Gas Co.
Address Charleston, W. Va.
Farm Mamie A. Ray ACRES 315
Location Poca River
Well No. 4762 ELEV. 683.3
District Poca - Kanawha County
Surface & Mineral Mamie A. Ray, Charleston, W. Va.
Drilling commenced Sept. 9, 1937
Drilling completed Jan. 3, 1938
Open Flow 19/10ths Merc. in 7 inch
Volume 7,291,000 c.f.
Rock Pressure 1870 lbs. Estimated
Salt Water 1078

13	411	411
10	1517	1517
8-5/8	1783	1783
7	4694	4694

COAL ENCOUNTERED:
Feet Inches
361 36

Formation Color ^{Mar} TOP Base Result				Formation Color ^{Mar} TOP Base Result			
Clay		0	30	Corniferous lime		4684	4789
Lime		30	45	Oriskany sand		4789	4811
Slate		45	60	TOTAL DEPTH			4811
Lime		60	100				
Slate		100	135				
Red Rock		135	145				
Slate & Shells		145	193				
Sand		193	215				
Lime		215	262				
Red Rock		262	272				
Sand		272	300				
Slate		300	320				
Sand		320	361				
Coal		361	364				
Sand		364	405				
Sand		405	480				
Slate		480	500				
Sand		500	520				
Slate		520	626				
Sand		626	675				
Slate		675	753				
Sand		753	768				
Slate		768	865				
Sand		865	877				
Slate		877	939				
Salt Sand		939	1453	Water	1078		
Slate		1453	1456				
Maxon Sand		1456	1483				
Slate		1483	1486				
Little Lime		1486	1508				
Pencil Cave		1508	1510				
Big Lime		1510	1670				
Injun Sand		1670	1720				
Slate		1720	1725				
Sand shells		1725	1733				
Slate		1733	1780				
Black lime		1780	1845				
Slate&Shells		1845	2135				
Sand shells		2135	2155				
Slate&shells		2155	3342				
Brown shale		3342	3382				
Slate&shells		3382	3590				
Brown shale		3590	3650				
White slate		3650	3765				
Brown shale		3765	3914				
White slate		3914	4365				
Brown shale		4365	4626				
Black shale		4626	4684				