



Company United Fuel Gas Co.,
 Address Charleston, W. Va.
 Farm J. H. Bumgardner
 Acres 146
 Lease No. 40737
 Well (Farm) No. 1
 Serial No. 4808
 Elevation (S.P.) 694.4
 Quadrangle Kenna *sc*
 County Kanawha
 District Poca
 Engineer G. A. Cunningham
 Eng. Reg. No. 659
 File No. 60-73
 Date July 11, 1938
 Scale 1" = 660'

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

WELL LOCATION MAP
 File No. Kan-564

X Denotes location of well on U. S. 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.

6-6-1938

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Kan-564

Gas Well

Kenna Quad.

CASING & TUBING

Company	United Fuel Gas Co.	Cond.	15	15
Address	Charleston, W. Va.	13	152	152
Farm	J. H. Bumgardner ACRES 146	10	581	581
Location	Allen Fork of Left Fork of Poca R.	8-5/8	1875	1875
Well No.	4808 ELEV. 697.6	7	4870	4870
District	Poca - Kanawha County			
Surface & Mineral	J.H.Bumgardner, Sissonville, W.Va.			
Drilling commenced	9-9-38			
Drilling completed	12-2-38			
Date shot	12-6-38 - Depth 4961			
Open Flow	54/10ths Water in 7-inch A.S.			
Volume	3,451,000 c.f.			
Rock Pressure	1650 lbs. 48 hrs.			
Salt Water	1320			

Formation Color ^{Max} TOP Base Result Formation Color ^{Max} TOP Base Result

Soil		0	15						
Red Rock		15	75						
Slate & Shells		75	230						
Red Rock		230	255						
Sand		255	270						
Red Rock		270	307						
Sand		307	337						
Red Rock		337	430						
Slate & Shells		430	465						
Red Rock		465	525						
Sand		525	545						
Red Rock		545	555						
Slate & Shells		555	630						
Sand		630	700						
Slate & Shells		700	830						
Slate		830	842						
Sand		842	923						
Slate & Shells		923	1200						
Salt Sand		1200	1620	Water 1320					
Little Lime		1620	1652						
Pencil Cave		1652	1655						
Big Lime		1655	1811						
Injun Sand		1811	1862						
Slate & Shells		1862	2254						
Brown Shale		2254	2264						
Berea Sand		2264	2279						
Slate & shells		2279	4116						
White Slate		4116	4542						
Brown Slate & Shells		4542	4818						
Black Shale		4818	4856						
Corniferous Lime		4856	4960						
Criskany Sand		4960	5008						
Dark Lime		5008	5017						
Sand		5017	5046						
Cherty Lime		5046	5050						
Dark Lime		5050	5078						
Total Depth			5078						