



ABD  
4/45

4.2 S  
0.9 W

Company	United Carbon Co.
Address	Charleston, W. Va.
Farm	Van Cantabery
Acres	200
Lease No.	2535-2536
Well (Farm) No.	One
Serial No.	744
Elevation (S.P.)	463'
Stratigie	Yuma S.E
County	Kanawha
District	Elk
Engineer	C. B. Wilson
Eng. Reg. No.	494
Date	July 7, 1938
Scale	1" = 660'

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

WELL LOCATION MAP  
File No. How-561

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.

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Kan-561  
Kenna Quad.

Gas Well  
CASING & TUBING

JOINT WELL		13	311	311
Company	United Carbon Co. & United Fuel Gas Co.	10	1605	1605
Address	901 Union Bldg., Charleston, W. Va.	8-1/4	1807	1807
Firm	Van Cantebury ACRES 200	6-5/8	4984	4984
Location	Poca Fork	2	5141	5141
Well No.	1 - 746 ELEV. 862			
District	Elk - Kanawha County			
Surface & Mineral	Van Cantebury, Frame, W. Va.			
Drilling commenced	Aug. 15, 1938			
Drilling completed	Dec. 6, 1938			
Date shot	12-7-38 - Depth 5102-5130			
Open Flow	5/10ths Merc. in 6-5/8" OD			
Volume	3,048,000 c.f.			
Rock Pressure	1290 lbs. 25 hrs.			
Water	-			

CASING CEMENTED:  
Size Feet Date  
8-5/8 773 10/14/38  
6-5/8 250 11/21/38

Formation Color <sup>Hay</sup> TOP BASE RESULT Formation Color <sup>Hay</sup> TOP BASE RESULT

Soil		0	15						
Slate		15	30						
Sand		30	45						
Slate		45	75						
Red Rock		75	120						
Slate		120	165						
Red Rock		165	200						
Slate		200	225						
Red Rock		225	255						
Sand		255	320						
Slate & Shells		320	390						
Sand		390	580						
Slate & Shells		580	685						
Sand		685	795						
Slate & Shells		795	1035						
Salt Sand		1035	1370						
Slate & shells		1370	1430						
Sand		1430	1505						
Lime		1505	1535						
Mason sand		1535	1560						
Slate		1560	1565						
Little Lime		1565	1594						
Big Lime		1594	1759						
Injun		1759	1773						
Slate & Shells		1773	2250						
Berea Shells		2250	2340						
Slate		2340	2520						
Lime		2520	2550						
Slate & Shells		2550	3305						
Lime		3305	3360						
Slate & Shells		3360	3780						
Brown Shale		3780	4085						
Slate & Shells		4085	4490						
Brown Shale		4490	4840						
Slate		4840	4905						
Black shale		4905	4965						
Corniferous Lime		4965	5087						
Criskany Sand		5087	5130						
Lime		5130	5137						
Sand		5137	5141						
Lime		5141	5145						
Total Depth			5145						

Shot Record  
Gas before shot 28/10 M 2" 852,000 c.f.

Gas after shot  
5/10 M. 6-5/8" - 3,048,000 ft.

Shot with 40 qts. Glycerine

*Handly possible*

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No., Kar-561

Gas Well

Kenna Quad.

CASING & TUBING

Company	United Fuel Gas Co.	12-1/2	311	311
Address	Charleston, W. Va.	10	1605	1605
Farm	Van Cantabery ACREs 200	8-5/8	1808	1808
Location	Poca Fork	6-5/8	4986	4986
Well No.	4813 ELEV. 869.9			
District	Elk - Kanawha County			
Surface & Mineral	Van Cantabery, Frame, W. Va.			
Drilling commenced	8-15-38			
Drilling completed	12-7-38			
Date shot	12-7-38 - depth 5102			
Open Flow	5/10ths Merc. in 6-5/8 inch			
Volume	3,048,000 c.f.			
Rock pressure	1290 lbs. 25 hrs.			
Fresh Water	35			
Salt Water	1185			

Formation Color <sup>Mar</sup> TOP Base Result Formation Color <sup>Mar</sup> TOP Base Result

Surface		0	15						
Slate		15	3						
Sand		30	45						
Slate		45	75						
Red Rock		75	120						
Slate		120	165						
Red Rock		165	200						
Slate		200	225						
Red Rock		225	255						
Sand		255	320						
Slate & Shells		320	390						
Sand		390	580						
Slate & Shells		580	685						
Sand		685	795						
Slate & Shells		795	1035						
Salt Sand		1035	1370	W 1185					
Slate & Shells		1370	1430						
Sand		1430	1505						
Lime		1505	1535						
Maxon Sand		1535	1560						
Slate		1560	1565						
Little Lime		1565	1594						
Big Lime		1594	1759	G 1748					
Injun Sand		1759	1773						
Slate & Shells		1773	2250						
Berea shells		2250	2340						
Slate		2340	2520						
Lime		2520	2550						
Slate & shells		2550	3305						
Lime		3305	3360						
Slate & Shells		3360	3780						
Brown Shale		3780	4085						
Slate & shells		4085	4490						
Brown Shale		4490	4840						
Slate		4840	4905						
Black Shale		4905	4965						
Corniferous Lime		4965	5087						
Oriskany Sand		5087	5130						
Lime		5130	5137						
Sand		5137	5142						
Lime		5142	5145						
Total Depth			5145						