



0655 75' loc.
 1.315 383230
 0.77 W 81 35
 Romer 75' quad
 15' calc. loc.
 4.195
 0.77W

ASD
 6/46

E.C. Humphreys

0.83 W
 4.23

Company	United Carbon Co.
Address	Charleston, W.Va.
Farm	Mona Bostic
Tract	Acres 62.39 Lease No. 2520
Well (Farm) No.	1 Serial No. 710
Elevation (Spirit Level)	678.5'
Quadrangle	Kenna 5C
County	Kanawha District Poca
Engineer	C.B. Wilson
Engineer's Registration No.	494
File No.	Drawing No.
Date	June 11, 1937 Scale 1"=400'

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

WELL LOCATION MAP
 File No. KAN-394

+ 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-394

Gas Well

Kenna Quad.

CASING & TUBING

Company	United Carbon Co.	10	387'	387'
Address	901 Union Bldg., Charleston, W. Va.	8 1/4	1615	1615
Farm	M.M. Bostic	6 5/8	4689	4689
Location	Grapevine Creek	2	4799	4799
Well No.	1--710			
District	Poca			
Surface	H. Smith, Sissonville, W. Va.			
Mineral	M.M. Bostic, Sissonville, W. Va.			
Drilling	Commenced July 29, 1937			
	Completed Nov. 6, 1937			
Volume	16,600,000 Cu. Ft.			
Rock Press.	1720# 24 hrs.			

Casing Cemented:-
 8-5/8"; 376'; 9/1/37.
 6-5/8"; 359'; 10/24/37.

Formation	Color	How	TOP	Base	Result	Formation	Color	How	TOP	Base	Result
Clay	Red		0	10		Oriskany Sand			4777	4799	
Rock	Red		10	60	Water	TOTAL DEPTH				4799	
Slate			60	80	65'						
Rock	Red		80	120	Hole				Gas Pay-- 4784'	6/10 M.	
Slate&Shells			120	175	Full.					6-5/8"	
Rock	Red		175	200					Gas Pay-- 4789'	10/10 M.	6 5/8"
Sand			200	228					4791'	15/10M.	"
Slate&Shells			228	300					4793'	30/10 M.	"
Sand			300	320					4794'	50/10 M.	"
Slate			320	325					4795'	80/10 M.	"
Sand			325	345					4796'	90/10 M.	"
Slate&Shells			345	365					4799'	118/10 M.	"
Sand			365	390							
Slate			390	500					Well Pressure Pick-up--		
Sand			500	534					5 Minutes	700#	
Slate			534	544					10 "	1135#	
Sand			544	560					24 Hours	1720#	
Slate&Shells			560	590							
Sand			590	617					The 8-5/8" casing was cemented		
Slate&Shells			617	642					from 1615' up to 1010' to		
Sand			642	662					take care of leak in casing.		
Slate&Shells			662	745					Water filled the hole at		
Sand			745	765					1020'.		
Slate&Shells			765	855							
Sand			855	890							
Slate			890	900	Show						
Sand, Salt			900	1080	Gas						
Slate			1080	1088	989'						
Sand, Salt			1088	1360							
Slate			1360	1365	Water						
Lime, Little			1365	1391	1020'						
Slate			1391	1394	H.F.						
Shell, Lime			1394	1400							
Pencil Cave			1400	1407							
Lime, Big			1407	1550							
Sand, Keener			1550	1565							
Sand, Shell		H	1565	1570							
Sand, Injun			1570	1605							
Slate & Shells			1605	2010							
Shale, Sunberry			2010	2025							
Berea Grit			2025	2040							
Slate&Shells			2040	2600							
Shale&Shells			2600	4420							
Shale	Brown		4420	4570							
Shale	Grey		4570	4630							
Shale	Black		4630	4669							
Corniferous Lime			4669	4777							