



Company	West Virginia Gas Corp.
Address	401 Union Bldg., Charleston, W. Va.
Farm	J.E. Layne et al
Tract	Acres 38.7 Lease No. 329
Well (Farm) No.	1 Serial No. 0'-32
Elevation (Spirit Level)	814.3
Quadrangle	Charleston <i>N.W.</i>
County	Kanawha District Union
Engineer	Robert S. Hyde
Engineer's Registration No.	646
File No.	3 Drawing No. W.O. 230
Date	Feb. 15, 1938 Scale 1"-300'

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

WELL LOCATION MAP
 File No. KAN-516

+ 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

W E L L R E C O R D

Permit No. Kan-516

Gas Well

Charleston N. N. Quad

CASING & TUBING

Company	West Virginia Gas Corp.,	14"	20'2"	20'2"
Address	401 Union Bldg., Charleston, W. Va.	10-3/4	430'7"	Pulled
Farm	J. E. Layne, et al	Acres	38-7/10	
Location	Martins Branch	8-5/8	1850'7"	1850'7"
Well No.	1 Serial 0-32	Elev. 814.3	7	1878'6"
District	Union	County Kanawha	5 1/2	4839'8"
Surface & Mineral	J. E. Layne, Sissonville, W. Va.	2	4928'10"	4928'10"
Drilling Commenced	Feb. 28, 1938			
Drilling Completed	June 22, 1938			
Date Shot	6-21-38	Depth 4887-4927	PACKERS	
Open Flow	25/10ths Water in 6-5/8"		Perf. top	4916'
Volume	2,086 M.	Cu. ft.	" bottom	4921'
Rock Pressure	1700 lbs. 24 hrs.			
Salt Water	1185 feet			
			CASING CEMENTED	
			5-1/2"	30 bags
			6-5/8	110 bags cement & 13 bags aquagel mix.

Formation Color	HAW	S	TOP	Base Result	Formation Color	HAW	S	TOP	Base Result
Surface			0	16	Berea Grit			2238	2252
Blue Stoen			16	102	Slate & Shells			2252	3478
Red Rock			102	114	Brown Shale			3478	3545
Blue Shale			114	130	Slate & Shells			3545	3900
Sand			130	150	Brown Shale			3900	4080
Red Rock			150	188	White Slate			4080	4512
Lime Shell			188	193	Brown Shale			4512	4767
Red Rocks			193	240	Coffee Shale			4767	4817 (Black)
Blue Shale			240	255	Big K Lime			4817	4887 (Cornif.)
Lime Shell			255	280	Oriskany Sand			4887	4927
White Slate			280	290	Lime - O			4927	4931
Lime Shell			290	310	Total Depth				4931
Red Rock			310	328					
Sand			328	350					
Red Rock			350	384					
Blue Shale			384	428	Gas Show 2169' and 4890'				
Lime Shell			428	445	Gas pay 4901-4910, best test 100/10 W 2" (475M)				
Slate & Shells			445	582	Test before shot 45/10 W 2" (320 M)				
Sand			582	597	Shot 6-21-38 with 266-2/3 lbs. gelatin from				
Slate & Shells			597	630	4887 to 4927				
Sand			630	656	Test 30 Min. A. S. 80/10 W 6-5/8" (373M)				
Slate			656	685	" 20 Hr. " " 25/10 W 6-5/8 (2086M) final				
Sand			685	735					
Slate & Shells			735	814	24 hr. R.P. 1700#				
Sand			814	825					
Lime Shell			825	855					
Slate & Shells			855	1037					
Sand			1037	1075					
Slate			1075	1080					
Sand			1080	1120					
Lime			1120	1125					
Salt Sand			1125	1312					
Slate			1312	1314					
Salt Sand			1314	1410					
Slate			1410	1433					
Sand			1433	1522					
Slate Break			1522	1527					
Lime			1527	1535					
Red Rock			1535	1539					
Blue Slate			1539	1548					
Maxon Sand			1548	1567					
Slate			1567	1597					
Little Lime			1597	1610					
Pencil Cave			1610	1615					
Big Lime			1615	1782					
Slate			1782	1795					
Big Injun			1795	1825					
Black Lime			1825	1865					
Slate			1865	2213					
Lime Shell			2213	2228					
Slate & Shells			2228	2233					
Brown Shale			2233	2238 (Coffee)					