

LATITUDE (7.5' 15') 38°30'

(7.5') 81°30'
(7.5') 81°32'30"

LONGITUDE

7.5'

7.5 OGIS topo location

7.5' LOC	<u>1.815</u>	15' LOC	<u>1.815</u>
	<u>.050</u>	(calc.)	<u>2.310</u>

Company Columbia Carbon

Farm Maggie Given 1 (GW-364)

Quad Big Chimney 7.5' / Charleston 15' (3)

County Kanawha

District Elk

Gas

WELL LOCATION MAP

File No. 039-272

Kanawha

DEEP Well 6-6 Elk-Poca (Sissonville) (192)

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

W E L L R E C O R D

Permit No. Kan-272

Gas well

Company - Columbian Carbon Co.
Address - Box 1240, Charleston, W. Va.
Farm - Maggie Given #1. Acres 122
Location - Lick Branch
Well No. - 1 (GW-364) Elev. 941.7
District - Elk. County - Kanawha
Surface & Mineral - Maggie Given, et vir
607 Randolph St.,
Charleston, W. Va.
Drilling - Commenced - 8-13-36
Completed - 12-1-36
Date Shot -
Open Flow - 5,236,000 cu. ft.
Rock Press. - 1600 lbs. 24 hrs.
Oil -
Fresh Water - 100 feet
Salt Water - 1070 feet 1135 feet

CASING & TUBING

14" O.D. 42# 42
10 $\frac{3}{4}$ " O.D. 32.75# 497' 10"
6-5/8 OD 24# 4980' 7"
8-5/8" OD 24# 1625

Coal was encountered at 717'
36"; 1365' 108"

APP
10/48
1.82 S. 30'
2.33 W. 30'
NE

Formation	Color	Hor	Top	Bottom	Result	Formation	Color	Hor	Top	Bottom	Result
Clay	Yellow		0	15		Slate	Brown		4555	4650	
Red Rock			15	75		Shale	Brown		4650	4830	
Slate (show water 100')			75	100		Slate			4830	4870	
Sand			100	145		Shale	Black		4870	4942	
Slate			145	162		Corniferous			4942	5055	
Red Rock			162	210		Oriskany			5055	5084	
Slate			210	330		(1st pay 5075 to 78 1/2')					
Sand			330	407		(2nd Pay 5083-1/2 to 5084')					
Slate	White		407	417		Total Depth				5084	
Sand			417	422							
Slate			422	494							
Sand	White		494	518							
Slate			518	585							
(Bad hole 513-19')											
Sand			555	587							
Slate			587	618							
Sand			618	693							
Slate			693	717							
Coal			717	720							
Slate			720	743							
Sand			743	830							
Slate			830	856							
Sand			856	868							
Slate			868	965							
Sand			965	986							
Slate & Lime			986	1009							
Sand			1009	1022							
Slate			1022	1037							
Limey Sand			1037	1050							
Salt Sand			1050	1365	Water 1070' 1/2 enough to drill with						
Coal			1365	1374							
Sand			1374	1530	Water 1135' show.						
Slate			1530	1535							
Sand			1535	1554							
Slate			1554	1565							
Little Lime			1565	1593							
Pencil Cave			1593	1603	SLM 1615'						
Big Lime			1603	1766							
Big Injun			1766	1806							
Squaw			1806	1894							
Slate			1894	2095							
Slate & Shells			2095	3390	Gas 2095' show.						
Slate	Brown		3390	3498							
Lime Shell			3498	3509							
Slate Shells			3509	3892	Gas 3610' show.						
Shale	Brown		3892	3960	Gas 3955-60' 7/10 W. 2" 19 hr.						
Slate	Brown		3960	4100	after drilled in gaged 6/10 W 2" 103						
Slate	White		4100	4555							

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

W E L L R E C O R D

Permit No. Kan 272-D

Gas Well

Charleston Quad.

DRILLED DEEPER

CASING & TUBING

Company	Columbian Carbon Co.	3 1/2	62'5"	62'5"
Address	1240, Charleston, W.Va.	2 3/8	5156'3"	5156'3"
Farm	Maggie Given #1 Acres 122			
Location	Lick Branch			
Well No.	1 (GW-364) Elev. 941.7			
District	Elk County Kanawha			
Surface Address	Maggie Given, etvir, 607 Randolph St. Charleston, W.Va.			
Mineral	Same			
Drilling (Deeper)	4/13/38 Commenced 4/18/38 Completed			
Volume	1,616,000 Cu.Ft.			
Rock Press.	620# 15 hrs.			

Formation Color ^{Hor} S TOP Base Result Formation Color ^{Hor} S TOP Base Result

Oriskany		5055	5084
Old Total	Depth		5084

DRILLED DEEPER

Oriskany		5084	5095	
Lime	Black	5095	5109	New
Oriskany		5109	5125	Pay
Lime		5125	5135	5086-
NEW TOTAL	DEPTH		5135	5091