

Latitude 38 20

Longitude 81 35



KANAWHA CITY COMPANY

KANAWHA CITY COMPANY

Square Cut Stone On Point Of Ridge.

No. 1

589°45'W 10342'

No. 4
No. 2. P&A.

510°8'W 6216'

589°18'W 1193.75'

GW-321 No. 3

569°47'N 3599'

C-299
CAMPBELL'S CREEK COAL CO.
345 A

DEWIS CREEK

W.E. PENNINGTON

Fork of Cane

3579.8

STAKE

+
2.99S
1.17W

0625 75' loc. 15'
38° 20' 2.73S 2.75S
81° 35' 1.18W 1.18W
OK

2.89 S.
1.18 W.
B EC (J-S)

New Location
Drill Deeper
Abandonment

Company **COLUMBIAN CARBON COMPANY**
 Address **BOX 873 CHARLESTON W.VA.**
 Farm **CAMPBELL'S CREEK COAL CO.**
 Tract _____ Acres **345** Lease No. **C-299**
 Well (Farm) No. **3** Serial No. **GW-321**
 Elevation (Spirit Level) **917.02'**
 Quadrangle **CHARLESTON SE B 5287 W119**
 County **KANAWHA** District **LOUDON**
 Engineer **R. K. ...**
 Engineer's Registration No. **2074**
 File No. _____ Drawing No. **W-3-51**
 Date **FEB. 20 1951** Scale **1" = 1320'**

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. **KAN-1554-0**

+ 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.

IMPERIAL TRACING CLOTH
K & E CO., N.Y.

NO SAMPLES 6 305
66 orig (214) 23 Deep Well

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Kan-1554*D
Charleston Quad.

Gas Well
Casing & Tubing

Company	Columbian Carbon Co.		2-3/8	4770'6"	4770'6"
Address	Box 873, Charleston 23, W. Va.				
Farm	Hatfield Campbell's Creek Coal Co.		3-1/2"	93'8"	93'8"
Location	Cane Fork of Davis Creek		Anchor Packer		
Well No. 3	GW-321 Elev. 917.02' G		3 1/2" x 5 1/2" x 7"		
District	Loudbn County Kanawha				
Surface	Hatfield Campbell's Creek Coal Co.				
Mineral	Same				
Commenced	D.D. 3/17/51				
Completed	D.D. 5/1/51				
Date Shot	5/3/51 and 5/10/51				
Open Flow	16/10ths water in 2"				
Volume	<u>169,000</u> c.f.				
Rock Pressure	520 lbs. 96 hrs.				

Old Total Depth 2555' in Slate & shs. - top 1989'

Drilled Deeper record

Slate & shs.	2555	3178	
<i>Huron</i> Brown shale	3178	3282	
Slate & shs.	3282	4268	gas 3968' show
<i>Rhinet</i> Brown shale	4268	4548	
Slate	4548	4582	
Black Shale	4582	4622	
-Corniferous Lime			
-4736DLM 4739 SLM	<u>4622</u>	<u>4739</u>	SLM gas 4741' show
-Oriskany Sand	4739	4773	
Lime	4773	4817 DLM	
		<u>4823</u> ' SLM	
Total Depth		4823'	SLM

Shot: 5/1/51 from 4760' to 4730' with 200# 80% Gelatin and from 4728' to 4718' with 50# galatin and 10 qts. glycerine. before shot - show of gas. cleaned out to 4760' gas gauged 8/10 W 2" 119,000 c.f.

Reshot: 5/10/51 from 4729 to 4760 with 1100# gelatin. Before reshooting gas gauged 119,000 c.f. Cleaned out to 4760'. Final open flow 16/10 W.2" 169,000 c.f.

4622	4739	4773
917	917	917
3705	3822	3856

30 - 60
18 - 28
29 - 60

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. KAN-1554

Oil or Gas Well 222

Company Columbian Carbon Company
Address Box 873, Charleston-23, W. Va.
Farm Hatfield-Campbells Creek Co. 345
Location (waters) Campbell's Fork of Davis Creek
Well No. 3 - GW-321 Elev. 918'
District Loudon County Kanawha
The surface of tract is owned in fee by Hatfield-Campbell's Creek Coal Co
Mineral rights are owned by same
Drilling commenced 6-1-23
Drilling completed 8-9-23
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
Fresh water 45' feet feet
Salt water 830' feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Pack
10			Anchor
18 "	15'	15'	Size of 3"x6-5
10 " 32#	70'	25'	Depth set 285
8 1/2 " 24#	465'	pulled	
6 1/2 " 17#	1367'	1367'	
5 3/16			
3 1/2 " 8.7#	1759' 5"	1759' 5"	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft.

COAL WAS ENCOUNTERED AT 60 FEET 36
290 FEET 60 INCHES FEET
FEET INCHES FEET

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			0	18			
Gravel			18	22			
Sand			22	40	F. water	45'	hole full
Slate			40	60			
Coal			60	63			
Slate & Shells			63	100			
Sand			100	120			
Slate			120	150			
Sand			150	170			
Slate			170	220			
Sand			220	245			
Slate			245	275			
Sand			275	290			
Coal			290	295			
Slate			295	425			
Sand			425	480			
Slate			480	540			
Sand			540	565			
Slate			565	665			
Sand			665	680			
Slate			680	700			
Sand			700	720			
Slate			720	724			
Sand			724	926			
Slate			926	934			
Black Lime			934	954	Black Oil	730-735'	small
Sand			954	1175	Salt water	830'	
Slate			1175	1183			
Red Rock			1183	1189			
Slate & Shells			1189	1225			
Red Rock			1225	1230			
Black Lime			1230	1253			
Maxon Sand			1253	1307			
Little Lime			1307	1338			
Slate			1338	1342			
Black Lime			1342	1362			
Big Lime			1362	1536	1st gas	1410-1412'	
Keener Sand			1536	1540	2nd gas	1433-1438'	



(Over)

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found
Injun Sand			1540	1577		
Slate			1577	1966		
Brown Slate			1966	1986		
Berea			1986	1989		
Slate & Shells			1989	2555		
TOTAL DEPTH - - - -				2555'		

Date _____

APPROVED _____

By _____