



Company COLUMBIAN CARBON CO
 Address Box 873 CHARLESTON, W. VA
 Farm MARY E. WIGAL - PEARL WIGAL ET AL
 Tract _____ Acres 264 Lease No. CT-257
 Well (Farm) No. 1 Serial No. GW 1338
 Elevation (Spirit Level) 718.20'
 Quadrangle BELLEVILLE-S-3710 W157
 County WOOD District STEELE
 Engineer R. J. Simpson
 Engineer's Registration No. 2074
 File No. _____ Drawing No. W-6-61
 Date 17 APRIL 61 Scale 1-600'

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

WELL LOCATION MAP
 FILE NO. W00-497

+ 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.

K-E 150 IMPERIAL TRACING CLOTH T.M. 66006
 Samples - 23-D (125-4682) 1-0 Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 21

Quadrangle Belleville S-270 W 157

Permit No. WOO-497

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company Columbian Carbon Co., Opr.
Address P. O. Box 873, Chas. 23, W. Va.
Farm Mary E. Wigal-Pearl Wigal Acres 264

Location (waters) _____
Well No. 1-GW-1338 Elev. 718.20'

District Steele County Wood

The surface of tract is owned in fee by Mrs. Pearl Wigal, etal
2100 11th Ave.
Address Parkersburg, W. Va.

Mineral rights are owned by same
Address _____

Drilling commenced May 11, 1961

Drilling completed July 5, 1961

Date Shot Not shot From _____ To _____

With _____

Open Flow /10ths Water in _____ Inch

/10ths Merc. in _____ Inch

Volume Dry Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED Not acidized

WELL FRACTURED Not acid fraced

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16" 65#	33'8"		Midget Btm. Hole
18 3/8" 48#	578'9"	Pulled	Size of 7"
10-3/4" 45#	1012'	Pulled	Depth set 4542' Dlm
8 5/8" 24#	1946'	Pulled	
6 5/8" 23#	4563'		
5 3/16"			
3			Perf. top
2 3-/8"	4561'6' w/cage		Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
see reverse side

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 1185' 2 blrs/hr. Feet Salt Water 1635' hole full Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	20			
Sand			20	27			
Red Rock			27	110			
Brown Shale			110	125			
Red Rock			125	230			
Grey Shale			230	247			
Red Rock			247	290			
Grey Shale			290	297			
Sand			297	308			
Broken Sand			308	325			
Grey Shale			325	340			
Red Rock			340	383			
Broken Sand			383	400			
Red Rock			400	425			
Broken Sand			425	449			
Shale			449	460			
Red Rock			460	518			
Grey Shale			518	532			
Black Shale			532	536			
Grey Shale			536	560			
Sand			560	570			
Grey Shale	<u>574'SLM-574'DLM</u>		570	640			
Sand			640	672			
Grey Shale			672	680			
Red Rock			680	905			
Grey Shale			905	922			
Broken Sand			922	932			

Formation	Color	Hard or Soft	Top ²¹	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			932	943			
Grey Shale & Shells			943	970			
Black Shale			970	982			
Shale			982	1015			
Sand	1004'DLM		1015	1043			
Broken Sand			1043	1072			
Sand			1072	1125			
Grey Shale			1125	1170			
Sand			1170	1190	F. Water	1185'	2 blrs/hr.
Black Shale			1190	1211			
Grey Shale & Lime Shells			1211	1243			
Grey Shale			1243	1258			
Black Shale			1258	1280			
Sand			1280	1380			
Grey Shale			1380	1440			
Sand			1440	1608			
Black Shale			1608	1625			
Sand			1625	1660	S. Water	1635'	hole full
Lime Shells & Shale			1660	1693			
Grey Shale	1932'DLM		1693	2089			
Black Shale - <i>coffee</i>			2089	2121			
Berea Sand			2121	2126			
Grey Shale			2126	2210			
Black Lime			2210	2237			
Shale			2237	2247	4511	4612	4652
Lime			2247	2300	718	718	718
Grey Shale			2300	3710			
Brown Shale			3710	3875			
Grey Shale			3875	4220	3793	3894	3934
Brown Shale			4220	4511			
Corniferous Lime	4542'DLM		4511	4612'			
Oriskany Sand			4612	4652			
Lime - <i>HELDREBERG</i>			4652	4682'			
TOTAL DEPTH				4682'			
				485			
5-13-61	Ran 16" drive pipe						
5-20-61	Ran 13-3/8" casing on shoe-ran 7 sacks Aquagel-no circulation or returns						
5-26-61	Ran 10-3/4" casing on shoe - ran 10 sacks Aquagel-no circulation or returns						
6- 8-61	Ran 8-5/8" casing on shoe - ran 10 sacks Aquagel - 110 barrels water-circulation and returns						
6-26-61	Ran 7" casing with Midget Bottom Hole Packer and Float collar.						

Date July 5, 1961

APPROVED Columbian Carbon Co., Opr., Owner

By R. B. Anderson, General Manager
(Title)