

New Location
 Drill Deeper
 Abandonment

7.5' loc
 1555 37 50
 0.89 W 80° 32' 30" (3.16 W 80° 30'
 3500' SOUTH ASBURY

Company COLUMBIAN CARBON COMPANY
 Address BOX 873 CHARLESTON W.VA.
 Farm C. WITT McCLUNG et al
174 Ac. PART OF
 Tract 319.75 Ac. Acres 319.00 Lease No. T-4999
 Well (Farm) No. 1 Serial No. GW-1192
 Elevation (Spirit Level) 2168.21'
 Quadrangle CLINTONVILLE T 5-160 W-326
 County GREENBRIER District BLUE SULPHUR
 Engineer R. B. Anderson
 Engineer's Registration No. 2074
 File No. _____ Drawing No. W-6-53
 Date JUNE 22, 1953 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. GREEN-5

+ 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.

L O ✓ Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 2

Quadrangle Clintonville 7

WELL RECORD

Permit No. Green-#5

Oil or Gas Well dry
(KIND)

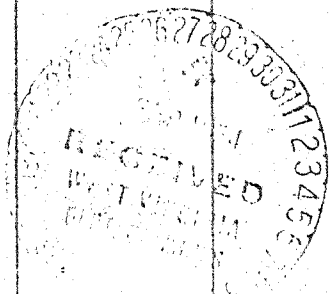
Company Columbian Carbon Company
Address Box 873, Charleston 23, W. Va.
Farm C. Witt McClung Acres 319
Location (waters) _____
Well No. 1 - CW-1192 Elev. 2168.21
District Blue Sulphur County Greenbrier
The surface of tract is owned in fee by C. Witt McClung
Address Asbury, W. Va.
Mineral rights are owned by same
Address _____
Drilling commenced 6-27-53
Drilling completed 7-21-54
Date Shot _____ From _____ To _____
With see reverse side

Casing and Tubing	Used in Drilling	Left in Well	Packers
18" size	76'1"	76'1"	Kind of Packer
16" "	497'	497'	
13" "			Size of
10 3/4"	2371'	2371'	
8 3/4"			Depth set
6 7/8" 7"	6695'	6695'	
5 3/16"			Perf. top
3"			
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 321' feet
Salt water 1859-65' 2296-2303' feet

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
_____ FEET	_____ INCHES	_____ FEET	_____ INCHES
_____ FEET	_____ INCHES	_____ FEET	_____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock	<i>Macerary?</i>		0	28			
Lime Shells			28	86			
Slate & Shells			86	115			
Sand			115	167			
Gritty Lime			167	181			
Lime Shells			181	185			
Sand			185	217			
Lime			217	427	F. water	3 21' 1-16'	blr/hr.
Sand			427	440			
Shale			440	453			
Sand			453	547			
Lime			547	654			
Sand			654	664			
Lime			664	842			
Slate & Shells			842	870			
Lime			870	1159			
Slate & Shells			1159	1169			
Lime			1169	1267			
Slate & Shells			1267	1278			
Lime & Shells			1278	2080	F. water	1859-65'	
Slate & Shells			2080	2107			
Lime	2352' SLM-2362' DLM		2107	2414	S. water	2296-2303'	
Slate & Shells			2414	2685			
Lime			2685	2750			
Slate & Shells			2750	2817			
Lime			2817	2852			
Slate & Shells			2852	2968			
Lime			2968	3009			
Slate & Shells			3009	3052			
Lime			3052	3400			
Slate & Shells			3400	4087			
Lime			4087	4124			
Slate & Shells			4124	4800			
Shale & Shells			4800	4844			
Lime			4844	4897			
Slate & Shells			4897	4922			
Lime			4922	5190			
Black Shale			5190	5463			
Blue Lime			5463	6666			



Formation	Color	Hard or Soft	Top \approx	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale			6666	6677			
Gritty Lime			6677	6711			
Oriskany Sand			6711	6767			
Sandy Lime			6767	6840	6677	6711	6767
Lime Hellerberg			6840	6863	2168	2168	
Sandy Lime			6863	6898			
Sand			6898	6926			
Gritty Lime			6926	6940	<u>4509</u>	<u>4543</u>	
Total depth - - -			6940'				

485

8-19-54
 Pumped in 40 bbls oil. Pressure went to 3000# and broke down to 1750#. Mixed 1600 gal. kerosene with gel and sand and started pumping it in and when they had 1600# sand and 1200 gal kerosene in pressure had built up to 4800#. Started to screen out. Started flushing with oil and gel breaker - pressure dropped gradually from 4800# to 2800# - final pressure when quit pumping 1000#.

9-8-54
 Sandfraced - pumped in 30 bbls. oil with 2 high pressure pumps. Pumped in at 2300# pressure. no apparent breakdown. Pumped in 1600 gal. gel and kerosene with 2000# sand displaced with 40 bbls. oil containing gel breaker - displaced with 37 bbls. oil. ~~Pressure~~ Pressure started in at 2300# - built up to 4800# - jumped momentarily to 5000# - dropped gradually to 2600#. When finished up 1200# pressure.

Date _____, 19__

APPROVED _____, Owner