



New Location
 Drill Deeper
 Abandonment

1.7 Mi. SE GOLDTOWN

Company	COLUMBIAN CARBON Co.
Address	Box #1240, CHARLESTON, W. VA.
Farm	HELEN M. HOGE
Tract	Acres 548 1/2 Lease No. C-1555
Well (Farm) No.	4 Serial No.
Elevation (Spirit Level)	810.
Quadrangle	KENNA SW (5) C
County	JACKSON District DIPLEY
Engineer	C. A. Branham
Engineer's Registration No.	683
File No.	Drawing No.
Date	4/13/31 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. JAC-138

+ 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. Jac-138
Kenna S.W. Quad.

Gas Well

Company	Columbian Carbon Company	Casing & Tubing		
Address	Box 1240, Charleston, W. Va.	18	19'0"	19'0"
Farm	Helen Hoge Acres 548 $\frac{1}{2}$	10 $\frac{3}{4}$ "	854'2"	854'2"
Location	Left Fork of Pocca River	8- 5	2035'1"	2035'1"
Well No.	4 (GW-487) Elev. 813.5DF	7	5056'11"	5056'11"
District	Ripley Jackson County	2- 3	5173'10"	5173'10"
Surface	Martin W. Anderson, %Denny E. Anderson 1220 Stewart St. Charleston, W. Va.	Liners	3 $\frac{1}{2}$ "-93'2"	93'2"
Mineral	Helen Hoge, et al, R.F.D. #1, Ramsey, N.J.			
Commenced	5-13-41			
Completed	7-23-41			
Shot	7-23-41 Depth 5110; 5140SLM			
Volume	2,829M			
Rock Pressure	890 lbs. 10 days			
Oil	5168' Show			
Salt Water	830' 1-13BPH; 1075' 2 $\frac{1}{2}$ -10" BPH. 1475' HF			

Earth	0	18	Brown Shale	4090	4255
Red Rock	18	23	Grey Shale	4255	4535
Slate	23	32	Slate & Shells	4535	4623
Sand	32	42	Dark Shale	4623	4950
Slate	42	52	Grey Shale	4950	4965
Red Rock	52	75	Brown Shale	4965	5005SLM
Slate	75	79	Corniferous Lime	5005SLM	5108SLM
Lime	79	90	Oriskany Sand	5108SLM	5160
Slate	90	150	Black Lime	5160	5168
Red Rock	150	175	Oriskany <i>field</i>	5168	51380/S5168' SLM
Slate	175	310	Total Depth	445	5138SLM
Red Rock	310	320	Plays: 5110-24; 5126-30; 5148-52		
Slate	320	330	Cement Record: 5-23-41 Mudded 10 $\frac{3}{4}$ " Csg.		
Red Rock	330	340	Set Pipe in 20 bails of red mud. No Cavings		
White Slate	340	360	in hole. Columbian Carbon Co. Crew.		
Sand	360	400	6-10-41 Cemented 8- 5 " Csg. Ran 93 Sacks of		
Slate	400	490	Alpha cement mixed in 2 sacks of Aquagel.		
Red Rock	490	545	Circulation at 350'. Ran 10' Spacer on		
Blue Slate	545	565	bottom of plug. Pipe lack 1' going to the		
Red Rock	565	580	bottom after cementing. 95(of solid cement		
Slate	580	600	in hole		
Red Rock	600	640	S.K. Johnson, Cementer-Halliburton Oil Well		
Slate	640	665	Cementing Co.		
Red Rock	665	700	7-11-41 Cemented 7" Csg. Ran 12 sacks Sup.		
Slate	700	790	7830' 1-13 BPH cement in dump bailer. No cavings. Picked		
Sand	790	890	pipe up and set back on bottom. 47' of solid		
Slate	890	930	cement in pipe. Columbian Carbon Co. Crew.		
Sand	930	940			
Slate	940	1030			
Sand	1030	1086	SW 1075' 2 $\frac{1}{2}$ -		
Slate	1086	1130	10 BPH		
Sand	1130	1140			
Slate	1140	1165			
Sand	1165	1215			
Slate	1215	1353			
Sand	1353	1380			
Slate	1380	1450			
1st Salt Sand	1450	1705	SW 1475HF		
Black Slate	1705	1720			
2nd Salt Sand	1720	1816			
Big Lime	1816	1993			
Slate & Shells	1993	2019			
Black Lime	2019	2040			
Slate & Shells	2040	3350			
Grey Shale	3350	3430S/G	3390'		
Slate & Shells	3430	3640			
Brown Shale - 44	3640	3720			
Slate & Shells	3720	3895			
Brown Shale	3895	3970			
Slate & Shells	3970	4030			
Brown Shale	4030	4070			
Grey Shale	4070	4090			

5005 5108 5188
 814 814 814

 4191 4294 4374