



Company COLUMBIAN CARBON CO.  
 Address BOX 873 CHARLESTON W.VA.  
 Farm V. L. SOUTHALL  
 Tract \_\_\_\_\_ Acres 163 Lease No. CT-116  
 Well (Farm) No. ONE Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 893.1  
 Quadrangle RIPLEY S.W. -8-  
 County JACKSON District WASHINGTON  
 Engineer J.M.S.  
 Engineer's Registration No. 772  
 File No. \_\_\_\_\_ Drawing No. 196  
 Date NOV. 20, 1942 Scale 1" = 650'

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

WELL LOCATION MAP

FILE NO. JAC-426

+ 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.

6-6-192

Deep Well

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

Permit No. Jac 426		Gas Well	
Ripley Quad S.W.		CASING & TUBING	
Company	Columbian Carbon Company		
Address	Box 873, Charleston, W.Va.	16	41'10 Same
Farm	V.L. Southall Acres 163	13 3/8	878'7
Location	Fourmile Run	10 1/2	1166'7
Well No	1 ( SW-708) Elev. 897.86 DF	8 5/8	2173'5
District	Washington Jackson County	6 5/8	5134'4 Same
Surface	L.V. Southall, Staats Mills, W.Va.		
Mineral	--		
Commenced	2-4-43		
Completed	5-10-43		
Date Shot	5-10-43 Depth 5186 to 5257 with 466 -2/3# Gelatin		
Volume	198,000 C.F.		
Rock Pressure	310 lbs. 4 hrs.		
Fresh Water	330-35 2-14" blrs./ hr.		
Salt Water	1845' H.F.		

Red Mud	0	90	Sand	1460	1527
Blue Stone	90	110	Slate	1527	1574
Red Rock	110	135	Lime	1574	1610
Lime	135	155	Slate & Shells	1610	1710
Red Rock	155	160	Sand-Salt Sand?	1710	2015
Lime	160	225	Big Lime	2015	2095
Red Rock	225	260	Big Injun Sand	2095	2159
Slate & Shells	260	285	Lime	2159	2174
Red Rock	285	295	Slate	2174	2178
Lime	295	305	Lime	2178	2182
Sand	305	370	Slate	2182	2237
Red Rock	370	375	Lime	2237	2250
Lime	375	412	Slate & Shells	2250	2550
Red Rock	412	420	Brown Shale	2550	2557
Slate	420	429	Derea Sand	2557	2571
Sand	429	446	Slate & Shells	2571	3820
Red Rock	446	456	Brown Shale-44	3820	3981
Lime	456	500	Slate & Shells	3981	4040
Red Rock	500	520	Brown Shale	4040	4210
Lime	520	560	White Slate	4210	4280
Slate	560	570	Brown Shale	4280	4390
Red Rock	570	595	White Slate	4390	4800
Slate	595	605	White Shale	4800	4840
Sand	605	625	Brown Shale	4840	5050
Black Slate	625	655	Black Shale	5050	5078 SLM-MARCELLUS
Sand	655	672	Corniferous Lime	5078 SLM	5184 SLM -# 463
Slate	672	725	Oriskany Sand	5184 SLM	5228
Sand	725	765	Lime	5228	5238
Slate	765	795	Oriskany Sand	5238	5254
Red Rock	795	820	Lime	5254	5297 SLM
Slate	820	850	TOTAL DEPTH	485	5297 SLM
Red Rock	850	890			
Shell	890	895			
Slate	895	960			
Red Rock	960	970			
Sand	970	998			
Slate	998	1018			
Red Rock	1018	1030			
Sand	1030	1043			
Slate	1043	1060			
Sand	1060	1070			
Slate	1070	1100			
Sand	1100	1120			
White Slate	1120	1125 SLM			
Sand	1125 SLM	1160			
Slate	1160	1190			
Sand	1190	1300			
Slate & Shells	1300	1460			

All casing aquagelled and cemented by Columbian Carbon Co. Crew.

4-24-43 Aquagelled 6 5/8" casing. Ran 60 sacks aquagel mixed with 4 bales Fibrotex. Returns while mixing. Ran 4 sacks Superior cement with dump bailer. 15' cement drilled out.