



New Location
 Drill Deeper.....
 Abandonment.....

Abd. 07/47

*5.13-S
 5.18-S
 3.18-W
 3.65-W*

Company COLUMBIAN CARBON Co.
 Address Box 1240 CHARLESTON W.VA.
 Farm J.S. PATTERSON
 Tract _____ Acres 140 Lease No. C-978
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 785.0
 Quadrangle RIPLEY C
 County JACKSON District RIPLEY
 Engineer C.A. Branham
 Engineer's Registration No. 683
 File No. _____ Drawing No. _____
 Date 9/25/41 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. JAC-215

+ 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 215
Ripley Quad.

Gas Well
CASING & TUBING

Company	Columbian Carbon Company			
Address	Box 1240, Charleston, W.Va.	16	31'2	31'2
Farm	J.S. Patterson Acres 140	13 3/8	653'5	Pld.
Location	Sycamore Creek	10 1/2	1226'5	Pld.
Well No.	1 (GW-616) Elev. 818.4 DF	8 5/8	2146'1	2146'1
District	Washington Jackson County	7	5026'4	5026'4
Surface	J.S. Patterson, Ripley, W.Va.	2 3/8	5159'8	5159'8
Mineral	Same as at (Contact Columbian Carbon Co. for names and addresses)	3 1/2	92'10	92'10

Commenced 10-23-41
Completed 3-12-42
Date shot 3-12-42 Depth 5141 to 5091
with 500# Gelatin

No Packer

Volume 2,250 MCF
Rock Pressure 1650 lbs. 24 hrs.
Fresh Water 70' 4-16" blrs. per hr; 500' 3-15" blrs./hr; 640' 5-14" blrs./hr.; 660-80' 1 1/2 blr./hr.; 1780' 13'8" blrs./hr.; 1800' H.F.

Abandoned
July 47

Red Rock	0	30	Lime	1123	1176
Sand	30	45	Slate	1176	1185
Red Rock	45	60	Lime	1185	1190
Slate	60	90	Slate and Shells	1190	1220
Red Rock	90	120	Lime Shell	1220	1228
Slate	120	165	Slate & Shell	1228	1290
Red Rock	165	190	Lime	1290	1305
Slate	190	205	Slate	1305	1320
Red Rock	205	223	Sand	1320	1355
Slate	223	250	Slate	1355	1360
Sand	250	285	Sand	1360	1385
Slate	285	320	Slate	1385	1395
Red Rock	320	335	Slate & Shells	1395	1415
Sand	335	410	Sand	1415	1565
Red Rock	410	460	Sand	1565	1605
Lime	460	472	Slate & Shells	1605	1755
Slate	472	480	Salt Sand	1755	1855
Red Rock	480	490	Lime	1855	2027
Lime	490	500	Slate <i>340</i>	2027	2043
Red Rock	500	515	Sand - 20 ft	2043	2116
Lime	515	522	Slate	2116	2125
Slate	522	530	Lime	2125	2145
Lime	530	550	Slate & Shells	2145	3730
Red Rock	550	560	Brown Shale - <i>44'</i>	3730	3811
Lime	560	575	Slate & Shells	3811	4000
Red Rock	575	580	Shale	4000	4205
Lime	580	605	Brown Shale	4205	4280
Slate	605	635	Slate	4280	4736
Lime	635	660	Brown Shale	4736	4979 SLM
Sand	660	678	Corniferous Lime	4979 SLM	5091 SLM
Coal	678	680	Oriskany Sand	5091 SLM	5153
Slate	680	690	Lime Break	5153	5161
Lime	690	700	Oriskany Sand <i>3 held</i>	5161	5175
Slate	700	795	Lime	5175	5178 SLM
Lime	795	805	Total Depth		5178 SLM
Red Rock	805	820			
Slate	820	858			
Lime	858	880	PAYS: 5093, 5100-05; 5117-19; 5124-28; 5132-33		
Slate	880	895			
Red Rock	895	903	CEMENT RECORD: 11-1-41 Aggl. 13 3/8" csg. Ran 16 sks. Aggl. mixed with 1 sk. Fibrotex. Cir. at 200', Returns at 580'.		
Slate	903	930			
Red Rock	930	935	11-30-41 Aggl. 10 1/2" csg. Ran 22 sks. Aggl. mixed with 1 sk. Fibrotex. No cir. No returns.		
Lime	935	952			
Slate	952	980	12-22-41 Cemented 8 5/8" csg. Ran 30 sks. Superior cement and 1 sk. aggl. Ran plug ahead of cement and plug & 10' spacer following cement. Cir. started before all cement in. Pipe lacked 1' going to bottom after cementing. 25' cement in pipe.		
Red Rock	980	990			
Slate	990	1000			
Lime	1000	1030			
Red Rock	1030	1035			
Lime	1035	1105			
Slate	1105	1123	2-15-42 Cem. 7" csg. Ran 12 sks. Superior cement in dump bailer. 44' cement in hole.		

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