



Company COLUMBIAN CARBON CO.
 Address BOX 1240 CHARLESTON W. VA.
 Farm LAWRENCE HAYNES
 Tract _____ Acres 78 Lease No. C-1219
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 994.1
 Quadrangle KENNA S.E. EC-6
 County KANAWHA District POCA
 Engineer J. N. Sell
 Engineer's Registration No. 772
 File No. _____ Drawing No. 400
 Date OCT. 29, '41 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. KAN-885

+ 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. Kan-885

Company Columbian Carbon Co.
Address Box 1240, Charleston, W.Va.
Farm Lawrence Haynes Acres 78
Location Pocatalico River
Well No 1 (GW-627) Elev. 996.7DF
District Poca Kanawha County
Surface Lawrence Haynes et al-contact
 Col. Carbon for addresses

Gas Well

CASING & TUBING

14	40	40
10 $\frac{1}{2}$ "	854'2	Pulled
8 5/8	1878'7	1878'7
7	5248'4	5248'4
23/8	5434'11	5434'11
3 $\frac{1}{2}$ "	85'10	85'10

Mineral

Commenced 12-6-41
Completed 3-16-42
Shot 3-19-42 Depth 5332-5367 SLM
 with 300# Gelatin

Volume

945 M
Rock Pressure 1300 lbs. 7 days
Fresh Water 435' - 1-13" Blr. pr. hr.
Salt Water 1574' HF 1935' HF

Surface	0	30	Lime	1840	1847
Sand	30	40	Cave	1847	1849 SLM
Slate	40	45	Big Lime	1849 SLM	1994
Red Rock	45	60	Big Injun Sand	1994	2031
Gray Shale	60	80	Slate & Shells	2031	3012
Red Rock	80	122	Slate	3012	3670
Slate	122	180	Brown Shale	3670	3870
Sand	180	280	Slate & Shells	3870	3950
Slate & Shells	280	320	Brown Shale	3950	3980
Sand	320	365	Slate & Shells	3980	4050
Slate	365	390	Brown Shale	4050	4225
Red Rock	390	430	Brown Shale & Shells	4225	4280
Sand	430	455	Gray Slate	4280	4815
Red Rock	455	465	Shale	4815	5100
Slate & Sand	465	505	White Slate	5100	5130
Red Rock	505	550	Black Shale	5130	5202 SLM
Slate & Shells	550	590	Corniferous Lime	5202 SLM	5332 SLM
Red Rock	590	620	Oriskany Sand	5332 SLM	5369
Sand	620	630	Black Lime	5369	5384
Red Rock	630	720	Oriskany	5384	5407
Slate	720	812	Black Lime	5407	5416 SLM
Sand	812	820	TOTAL DEPTH		5416 SLM
Slate	820	837	Pays: 5338-43; 5352-52 $\frac{1}{2}$; 5358-59		
Sand	837	940			
Slate	940	952			
Sand	952	1010	CEMENT RECORD:		
Slate	1010	1090	12-18-41 Aquagolled 10 $\frac{1}{2}$ " casing.		
Sand	1090	1135	Ran 21 sacks aquagol mixed 6% and 1		
Slate	1135	1160	sack Fibrotex.		
Sand	1160	1220			
Slate	1220	1262	1-7-42 Cemented 8 5/8" casing. Ran 100		
Sand	1262	1276	sacks Alpha cement mixed with 2 sacks		
Slate	1276	1327	aquagol. 12' cement in hole.		
Sand	1327	1356			
Slate	1356	1374	3-2-42 Cemented 7" casing. Ran 10		
Sand	1374	1412	sacks Alpha cement. 43' cement in hole.		
Slate	1412	1442			
✓ Salt Sand	1442	1684			
Slate	1684	1692			
✓ Sand - <i>Maestri</i>	1692	1826			
Little Lime	1826	1837			
Slate	1837	1840			

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

Permit No. Kan 885

Gas Well
CASING & TUBING

Kenna Quad.				
Company	Columbian Carbon Company			
Address	Box 1240, Charleston, W.Va.	14	40'	40'
Farm	Lawrence Haynes Acres 78	10 $\frac{1}{2}$	854'2	Pld.
Location	Pocatalico River	8 5/8	1878'7	Same
Well No.	1 (GW 627) Elev. 966.7 DF	7	5248'4	Same
District	Poca Kanawha County	2 3/8	5434'11	Same
Surface	Lawrence Haynes et al (contact Columbian Carbon Co. for further addresses)	3 $\frac{1}{2}$	85'10	Same

Mineral	
Commenced	12-6-41
Completed	3-16-42
Date shot	3-19-42 Depth 5332 to 5367 SLM with 300# Gelatin
Volume	945 MCF
Rock Pressure	1300 lbs. 7 days
Fresh Water	435' 1/2-13" blr. pr.hr.
Salt Water	15 $\frac{1}{4}$ ' H.F.; 1935' H.F.

Surface	0	30	Slate & Shells	3980	4050
Sand	30	40	Brown Shale	4050	4225
Slate	40	45	Brown Shale & Shells	4225	4280
Red Rock	45	60	Gray Slate	4280	4615
Gray Shale	60	80	Shale	4615	5100
Red Rock	80	122	White Slate	5100	5130
Slate	122	180	Black Shale	5130	5202
Sand	180	280	Corniferous Lime SLM	5202	5332
Slate & Shells	280	320	Oriskany Sand SLM	5332	5369
Sand	320	365	Black Lime	5369	5384
Slate	365	390	Oriskany Sand	5384	5407
Red Rock	390	430	Black Lime	5407	5416
Sand	430	455	TOTAL DEPTH SLM		5416
Red Rock	455	465	PAYS: 5338-43; 5352-52 $\frac{1}{2}$; 5358-59		
Slate & Sand	465	505			
Red Rock	505	550	CEMENT RECORD: 12-18-41 Aquagelled		
Slate & Shells	550	590	10 $\frac{1}{2}$ " casing. Ran 21 sacks aquagel mix-		
Red Rock	590	620	ed 6%, and 1 sack Fibrotex. Cir. at		
Sand	620	630	590'		
Red Rock	630	720	Cecil Watkins, Cementer, Halliburton		
Slate	720	812	Oil Well Cementing Co.		
Sand	812	820			
Slate	820	837	1-7-42 Cemented 8 5/8" casing. Ran		
Sand	837	940	100 sacks Alpha cement mixed with		
Slate	940	952	2 sacks aquagel. Ran 10' spacer. Ran		
Sand	952	1010	plug on top cement. 12' cement in hole.		
Slate	1010	1090	Kenneth Hawkins, Cementer, Halliburton		
Sand	1090	1135	Oil Well Cementing Co.		
Slate	1135	1160			
Sand	1160	1220	3-2-42 Cemented 7" casing. Ran 10 sacks		
Slate	1220	1262	Alpha cement with dump bailer. Picked		
Sand	1262	1276	pipe up 30' then set back down on		
Slate	1276	1327	bottom. 43' cement in hole.		
Sand	1227	1356	Columbian Carbon Company Crew.		
Slate	1356	1374			
Sand	1374	1412			
Slate	1412	1442			
Salt Sand	1442	1684			
Slate	1684	1692			
Sand - Mo...	1692	1826			
Little Lime	1826	1837			
Slate	1837	1840			
Lime	1840	1847			
Cave	1847	1849	SLM		
Big Lime	SLM	1849	1994		
Big Injun Sand	1994	2031			
Slate & Shells	2031	3012			
Slate	3012	3670			
Brown Shale	3670	3870			
Slate & Shells	3870	3950			
Brown Shale	3950	3980			