



Company COLUMBIAN CARBON COMPANY
 Address BOX 873 CHARLESTON, W.VA.
 Farm GOLDIA ANKRUM ET AL
 Tract _____ Acres 299 Lease No. C3311
 Well (Farm) No. 1 Serial No. 60993
 Elevation Spirit Level 671.3'
 Quadrangle RAVENSWOOD-8 S022 W272
 County MASON District COLOGNE
 Engineer C. P. Renshaw
 Engineer's Registration No. 683
 File No. _____ Drawing No. _____
 Date Nov. 17, 1947 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. MAS-38

+ 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

Deep well

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

Permit No. Mas 38
Ravenswood Quad.

Gas Well
CASING & TUBING

Company	Columbian Carbon Company				
Address	Box 873, Charleston, 23, W.Va.	13 3/8 48#	166'11	Same	
Farm	Goldia Ankrum et al A 299	10 1/2 40#	827'7	Pld.	
Location	Right Fork	8 1/2" 24#	1844'5	Pld.	
Well No.	1 GW 993 Elev. 671.3' G	7 23#	2536'1	Same	
District	Gologne Mason County	5 3/16 15#	2559'10	Same	
Surface	Goldia Ankrum et al, Rt. 1	3 1/2	403	Same	
	Cottageville, W.Va.	2 3/8 4#	2510'8	Same	
Mineral	Same, For further addresses contact C.C.Co.				
Commenced	12-3-47				Midget B.H. Packer
Completed	2-11-48				Size 7"
Date shot	2-14-48 Depth 2700' to 3650' with 6400# 80% gelatin				Depth 2511 SLM.
Open flow	6/10ths W in 2"				Coal at 1182' 60 "
Volume	103,000 C.F.				
Rock Pressure	800 lbs. 42 1/2 hrs.				
Fresh Water	145' H.F.				
Salt Water	1130' 1 blr. per hr.; 1480' H.F. 2122' 1 1/2-3" blr. per hr.				

Soil	0	4	Slate & Shells	2511 SLM.		
Lime Shells	4	14		2506 DLM	2126	3245
Sand	14	24	Brown Shale		3245	3336
Lime Shells	24	29	Slate & Shells		3336	3465
Red Rock	29	49	Brown Shale		3465	3640
Lime Shells	49	86	White Slate		3640	3978
Slate	86	96	Brown Shale		3978	4110
Red Rock	96	110	Corniferous Lime		4110	4120
Slate	110	140	Total Depth			4120
Sand	140	150				
Lime	150	164	Gas 2735-47	2/10 W 2"		
Red Rock	164	174	Gas 3605' show			
Lime Shells	174	190	Gas Pay 3605' show			
Slate & Shells	190	235		2735-47 2/10 W 2" 60 M		
Red Rock	235	266				
Slate & Shells	266	320	CEMENT RECORD:			
Red Rock	320	338	12-21-47	10 1/2" casing- ran 15 sacks		
Slate & Shells	338	390		aquagelled. Circulation and returns.		
Red Rock	390	415				
Slate	415	430	1-13-48	8 5/8" casing- ran 20 sacks		
Red Rock	430	500		aquagelled-returns O.K.		
Slate	500	550				
Red Rock	550	590	1-19-48	7" casing - ran 17 bags		
Slate & Shells	590	643		aquagelled... Circulation and returns.		
Red Rock	643	675				
Slate & Shells	675	690	4-7-48	5 1/2" casing- ran 40' bridge-		
Red Rock	690	700		28' (8 sacks) top cement 24' below 7"		
Slate & Shells	700	750		casing. Set 5 1/2" csg. down in cement.		
Sand	750	790				
Slate & Shells	819 DLM	820 SLM	890	C.C.Co.Crew		
Sand		920	1000			
Slate & Shells		1000	1107			
Sand		1107	1165			
Slate & Shells		1165	1182			
Coal		1182	1187			
Slate & Shells		1187	1225			
Sand		1225	1240			
Slate & Shells		1240	1287			
Sand		1287	1305			
Lime		1305	1330			
Slate & Shells		1330	1475			
Sand		1475	1521			
Big Lime		1521	1631			
Slate		1631	1643			
Big Injun Sand		1643	1830			
Lime Shell		1830	1835			
Slate & Shells	1836' SLM	1834 DLM				
		1835	2105			
Berea Grit		2105	2126			

4110
671

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