

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

Permit No Jac- 168	Columbian Carbon Co.	Gas Well
Company	Box 1240, Charleston, W.Va.	Casing & Tubing
Address	Frances Kent, Acres 224	16 39'7" 39'7"
Farm	Turkey Fork	13 3/8 582'11"463'9"
Location	1 (GW-500) Elev. 615.6 DF	10 1/2 1035'1" 764'6"
Well No	Ravenswood Jackson County	8 5/8 1957'10"1957'10"
District	Mary Frances Kent, et al	7 4860'4" 4860'4"
Surface	Sandyville, W. Va.	2 3/8 4976'10"4976'10"
Mineral	Same	
Commenced	7-6-41	
Completed	8-28-41	
Volume	2,750 M C F	
Rock Pressure	1880# 19 days	
Fresh Water	470' 3-16" Blrs. pr hr	
Salt Water	1025' 1 1/2-9" Blr. pr hr ;1578' Hole Full; 4181' 3 Blrs. pr hr	

Red Rock	0	20	Grey Shale	2700	3550
Blue Slate	20	50	Lime Shells	3550	3700
Red Rock	50	100	Slate & Shells	3700	3986
Sand	100	120	Brown Shale-441	3986	4213
White Slate	120	177	White Slate	4213	4546
Green Slate	177	197	Brown Shale	4546	4803
White Slate	197	240	Black Shale	4803	4813 SLM - MARCELLUS
Red Rock	240	250	Corniferous-463	4813SLM	4925
Slate	250	265	Oriskany Sand	4925	4959
Red Rock	265	275	TOTAL DEPTH		4959 DLM
Slate	275	300			
Red Rock	300	330	PAYS: 4925-59		
Slate	330	346			
Red Rock	346	376	CEMENT RECORD:		
Slate	376	400	7-12-41	Ran 13-3/8" casing.	
Red Rock	400	455		Ran 20 pails of red mud and set pipe down in mud.	
Sand	455	530	7-16-41	Ran 10 3/4" casing. Ran 11 pails of red mud and set pipe down in mud.	
Slate & Shells	530	550	7-27-41	Cemented 8 5/8" casing. Ran 67 sacks Superior cement mixed with 1 sack Aquagel. 18' cement in hole.	
Red Rock	550	565	8-22-41	Cemented 7" casing. Ran 12 sacks Superior cement. 49' cement in hole.	
White Slate	565	614			
White Slate	614	728			
Red Rock	728	771			
Lime Shell	771	781			
Red Rock	781	812			
Slate	812	830			
Lime	830	838			
Red Rock	838	863			
White Slate	863	897			
Red Rock	897	960			
Slate & Shells	960	994			
Grey Lime	994	1014			
Sand	1014	1070			
Slate & Shells	1070	1150			
Sand	1150	1241			
Black Slate	1241	1251			
Sand	1251	1328			
Slate & Shells	1328	1402			
Sand	1402	1480			
Slate & Shells	1480	1550			
Salt Sand	1550	1587			
Slate	1587	1589			
Salt Sand	1589	1658			
Slate	1658	1662			
Big Lime	1662	1747			
Sand	1747	1798			
Big Injun Sand	1798	1808			
Slate	1808	1811			
Big Injun Sand	1811	1965			
Slate & Shells	1965	2290			
Berea Shell	2290	2320			
Slate & Shells	2320	2700			

4813 4925
616 5616

4197 4309