



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

Permit No. Jac 330		Gas Well
Company	United Carbon Co.	CASING & TUBING
Address	United Carbon Co., Chas., W. Va.	13 3/8 375 0
Farm	E. J. Williams Acres 178	10 1/2 725 0
Location	Grass Lick Creek	8 5/8 2092 2092
Well No.	1 Elev. 847.0	7 5055 5055
District	Ripley Jackson County	2 3/8 5117
Surface	E. J. Williams, Kenna, W. Va.	
Mineral	Same	Casing cemented
Commenced	April 20, 1942	8 5/8" 520' 6-26-42
Completed	Aug. 18, 1942	7 216' 8-5-42
Shot	8-18-42 Depth 5152-5178	
Flow	70 qts. Glycerine	
Volume	4/10ths M in 7" O.D. 24#	
Rock Pressure	3,120,000 C.F.	
Salt Water	1570 lbs. 24 hrs.	
	1610', 1685'	

Red Rock	0	16	Slate	1235	1240
Lime	16	100	Sand	1240	1290
Red Rock & Shells	100	325	Slate	1290	1340
Sand	325	345	Sand	1340	1415
Red Rock	345	360	Slate	1415	1460
Lime	360	375	Sand	1460	1490
Red Rock	375	390	Slate	1490	1540
Lime Shells	390	405	Sand	1540	1565
Red Rock	405	410	Slate	1565	1575
Lime	410	445	Salt Sand	1575	1895
Red Rock	445	460	Big Lime	1895	2005
Slate & Shells	460	485	Injun Sand <i>Kenna</i>	2005	2025
Slate	485	495	Slate <i>340</i>	2025	2028
Red Rock	495	500	Sand <i>Injun</i>	2028	2150
Lime	500	525	Slate	2150	2185
Red Rock	525	535	Lime	2185	2250
Lime	535	550	Slate & Shells	2250	2490
Slate	550	555	Black Slate <i>loffer</i>	2490	2505
Lime Shells	555	565	Berea Shells	2505	2530
Slate	565	575	Slate & Shells	2530	2750
Red Rock	575	610	Lime	2750	2850
Lime	610	620	Slate & Shells	2850	3775
Red Rock	620	635	Brown Shale <i>-4+</i>	3775	3800
Lime Shell	635	640	Slate & Shells	3800	4105
Red Rock	640	660	Brown Shale	4105	4200
Lime	660	700	Lime Slate	4200	4450
Red Rock	700	715	Brown Shale	4450	4465
Lime Shell	715	720	White Slate	4465	4750
Slate	720	725	Brown Shale	4750	4966
Lime	725	730	White Slate	4966	4996
Red Rock	730	765	Black Shale <i>MARSHALL</i>	4996	5043
Lime	765	780	Corniferous Lime <i>412</i>	5043	5144
Slate	780	785	Oriskany Sand	5144	5182
Lime	785	815	Lime <i>held</i>	5182	
Slate	815	845	TOTAL DEPTH		5187
Sand	845	855			
Slate Shell	855	875	Gas 2510	Berea	
Red Rock	875	890	Oil 1590		
Sand	890	910	Water 1610		
White Slate	910	920	Water 1685	Hole Full	
Slate & Shells	920	950	Water 2105		
Lime	950	975			
White Slate	975	985			
Sand	985	1100			
Slate	1100	1110			
Sand	1110	1125			
Slate	1125	1145			
Sand	1145	1210			
Slate	1210	1225			
Sand	1225	1235			