

## JOINT COAL AND GAS COMMITTEE

## GAS WELL PILLAR STUDY

No.	County	Township	Quadrangle	Well No.	Farm Name	Gas Company Name	Coal Company Name	Date of Failure	Depth of Failure	P-Pittsburgh UF-Freeport Coal Thickness	Depth Bottom of Coal	Pillar Size	Minimum Mining Radius	Area of Pillar Sq. Ft.	Extraction %			Bottom Conditions				Rock Bottom	Rock Roof	Terrain	First Mining	Final Mining	%Dip and Direction	Minimum Radius : Depth = Angle
															Full	Partial	Recovery	Wet	Dry	Hard	Soft							
1	Allegheny	North Versailles	McKeesport	3765-S	D. R. McKee #6	Peoples	Greensburg - Connellsville	3/17/53	525	UF 78"	522	100 x 80	40	8,000	x		85	x	x	Fireclay	Slate & Shell	Gentle slope	9/1947	1952	2.3 N20°E	4°23'		
2	"	Plum	New Kensington E.	-	C. R. McMath	Vincent Bros.	Allegheny - Pittsburgh	No information		UF 90	610	400 x 400	200	-				x	x	-	Sand	"	1939	1940	1.0 South	18°09'		
3	"	"	"	1907	Renton Land Co.	Peoples	"	7/1942	550	UF 90	650	400 x 400	220	-	x	50	x	x	-	Sand	"	6/1941	12/1941	1.0 East	18°42'			
4	"	"	"	1796	James Armstrong	"	"	6/1946	608	UF 90	606	400 x 400	200	-	x	50	x	x	-	Sand	"	12/31/42	12/31/45	4.0 N.E.	19°48'			
5	"	"	"	991	J. P. Spear	"	National Mines Corp.	1/13/49	610	UF 84	614	100 x 115	50	10,350	x		90	x	x	Fireclay	Shale	Level	1947	1948	1.0 S.W.	4°39'		
6	"	Bethel	Bridgeville	3508	M. M. Stolze	E. J. Kurtz	Pittsburgh Coal Co.	1945	324	P 66	399	60 x 120-Split	20	6,900	x		85	x	x	"	"	Gentle slope	1946	1946	1.0 West	2°52'		
7	"	"	"	-	Thomas Hamilton	Bell & Harr	"	--	300	P 64	338	50 x 60	25	3,000	x		85	x	x	"	"	"	1931	1931	Level	4°03'		
8	"	South Fayette	Cannonsburg	-	Billingsly - Morgan	Paul Moran	Montour Land Co.	--	-	P 62	128	50 x 45	22	2,500	x		70	x	x	"	"	"	--	1917	1917	1.5 S.E.	9°45'	
9	Westmoreland	Rostraver	Donora	1958-S	Charles V. Smith	Peoples	Pittsburgh Coal Co.	4/1953	438	P 76	404	40 x 40	5	16,200		x	40	x	x	"	"	Top of hill	1935	1952	3.0 North	0°43'		
10	Washington	Beallsville Boro	Ellsworth	L-495	F. J. Luellin	Manufacturers	Jones & Laughlin Steel Corp.	7/1947	343	P 75	443	120 x 100	50	11,400	x		95	x	x	"	Slate	Gentle slope	1941	1943	2.0 N74°W	6°26'		
11	"	"	"	-	E. A. McCord	G. K. Gray	"	8/1955	646	P 73	646	110 x 95	49	10,450	x		100	x	x	"	"	"	12/1954	6/1955	0.7 S78°W	4°20'		
12	"	"	"	-	Philip Clark	"	"	8/1955	514	P -	516	90 x 90	40	8,100		x	50	x	x	"	"	"	9/1953	6/1956	1.4 S88°W	4°26'		
13	"	Centerville Boro	California	1667	Elizabeth Clinton	Peoples	"	6/1948	265	P 75	255	46 x 150	50	17,875	x		95	x	x	"	"	"	3/1919	7/1940	0.9 N35°W	11°18'		
14	"	"	Ellsworth	3530	Ella W. Emery	"	"	5/1951	420	P 73	420	100 x 125	40	12,000	x		98	x	x	"	"	Top of hill	12/1930	12/1945	2.2 N67°W	5°26'		
15	"	"	California	G-102	J. Y. Strathers	Manufacturers	"	5/1937	250	P 80	257	75 x 90	35	6,750	x		100	x	x	"	"	Gentle slope	1/1924	10/1928	2.4 S60°W	7°45'		
16	"	"	Ellsworth	G-876	Emery & Clark	"	"	4/1939	370	P 72	376	82 x 108	40	8,400		x	50	x	x	"	"	Top of hill	12/1929	10/1939	2.0 N85°W	6°40'		
17	"	"	California	M-156	J. A. Baker	Equitable	"	--	Coal Hor.	P 80	292	170 x 140	30	30,580		x	-	x	x	"	"	Gentle slope	3/1913	--	0.6 S73°W	5°52'		
18	"	"	"	M-96	J. I. Cleaver	"	"	12/1936	260	P 75	260	82 x 84	40	6,800	x		100	x	x	"	"	"	9/1926	9/1928	2.0 S84°W	8°45'		
19	"	Deemston Boro	Ellsworth	2168	W. W. Hawkins	Peoples	"	1/1948	400	P 77	415	95 x 85	40	9,000	x		100	x	x	"	"	"	9/1929	10/1937	1.7 N81°W	5°30'		
20	"	"	"	3558	J. R. Sargent	"	"	6/1948	442	P 78	430	112 x 90	40	9,900	x		100	x	x	"	"	Top of hill	4/1925	10/1937	1.0 S31°W	5°19'		
21	"	"	"	3515	C. W. Baker	"	"	11/1938	350	P 76	372	87 x 94	40	7,650	x		100	x	x	"	"	Gentle slope	11/1934	12/1937	1.2 S85°W	6°08'		
22	"	"	"	1822	Levi D. Hardin	"	"	4/1945	420	P 66	420	90 x 100	40	9,000	x		100	x	x	"	"	"	1/1940	1/1944	1.4 N73°W	5°26'		
23	"	"	"	L-480	J. J. Horn	Manufacturers	"	4/1949	400	P 75	407	90 x 130	50	10,400	x		100	x	x	"	"	"	10/1940	12/1949	2.0 N53°W	7°00'		
24	"	"	"	G-89	J. M. Miller	"	"	4/1942	388	P 78	380	98 x 85	40	8,330	x		100	x	x	"	"	Top of hill	7/1939	4/1942	4.4 N83°W	6°01'		
25	"	"	"	L-499	M. P. Bernard	"	"	2/1938	510	P 75	516	90 x 90	45	7,650	x		100	x	x	"	"	"	7/1931	10/1937	1.1 S78°W	4°59'		
26	"	"	"	L-502	N. Elaine	"	"	3/1956	406	P 73	411	95 x 90	45	8,550	x		100	x	x	"	"	Steep slope	1/1953	1/1954	1.5 N77°W	6°15'		
27	"	"	"	M-461	J. Crawford	Equitable	"	Did not use - gob well	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	
28	"	"	"	M-133	Phobe Hill	"	"	2/1943	433	P 72	431	90 x 85	40	7,650		x	20	x	x	Fireclay	Slate	Gentle slope	1/1931	10/1939	1.1 S80°W	--		
29	"	"	"	M-123	William Mitchener	"	"	10/1941	506	P 74	491	60 x 122	30	7,320	x		90	x	x	"	"	Top of hill	5/1928	10/1941	1.3 S70°W	3°30'		
30	"	East Bethlehem	Waynesburg	3709	O. D. White	"	Bethlehem Mines Corp.	--	713	P 72	705	100 x 100-Split	5	9,800	x		100	x	x	"	"	Gentle slope	12/1939	4/1942	1.0 S.W.	4°04'		
31	"	"	Ellsworth	M-152	J. M. Miller	"	Jones & Laughlin Steel Corp.	6/1935	285	P 80	286	90 x 80	30	6,850	x		100	x	x	"	"	"	7/1917	6/1926	Level	5°59'		
32	"	East Pike Run	California	G-706	W. H. Luter	Manufacturers	Pittsburgh Coal Co.	2/1945	145	P 77	124	40 x 40	5	1,600	x		75	x	x	"	Shale	"	1912	1924	2.0 N.W.	2°18'		
33	"	Fallowfield	"	G-456	H. W. Porter	"	"	7/1954	264	P 74	263	64 x 98	30	6,272	x		54	x	x	Slate	Coal & Slate	"	--	12/1952	3.0 S.E.	6°31'		
34	"	"	"	G-784	L. P. Williams	"	"	3/1942	490	P 75	487	60 x 70	28	4,200	x		55	x	x	Fireclay	Shale	Top of Hill	1938	1939	2.0 West	3°17'		
35	"	Peters	Bridgeville	910	W. J. McMurry	Carnegie	"	9/1954	374	P 66	371	90 x 110-Split	35	8,160	x		85	x	x	"	Sand rock	Gentle slope	1945	1952	1.0 West	5°23'		
36	"	Somerset	Hackett	2712	S. W. Piersol	Equitable	Bethlehem Mines Corp.	Did not use - well cut into	-	-	-	-	-	-			-	-	-	-	-	Steep slope	--	--	----	--		
37	"	West Bethlehem	Ellsworth	L-486	J. V. Thompson	Manufacturers	Jones & Laughlin Steel Corp.	--	-	P 69	586	170 x 150-(Well )	80	20,586	x		95	x	x	Fireclay	Slate	Gentle slope	4/1951	10/1953	1.0 N68°W	7°47'		
38	"	"	"	-	Levi McCarty	G. K. Gray	"	--	553	P 72	554	110 x 115	50	12,650	x		100	x	x	"	"	"	10/1952	4/1955	1.5 N86°W	5°09'		
39	"	"	Waynesburg	3708	S. E. Nyswaner	Equitable	Bethlehem Mines Corp.	--	562	P 66	550	100 x 100	50	10,000	x		100	x	x	"	Shale	Level	1940	1952	1.0 S.W.	5°11'		
40	"	West Pike Run	California	-	James Baker	Bentleyville Fuel	Jones & Laughlin Steel Corp.	5/1952	433	P 74	439	85 x 126	40	11,225	x		100	x	x	"	Slate	"	1951	4/1952	1.8 N25°W	5°12'		