



Company CUMBERLAND & ALLEGHENY GAS CO.
 Address 800 UNION TRUST BLDG. PITTSBURGH PA.
 Farm P. S. LEWIS
 Tract Acres 260 ± Lease No. 4691
 Well (Farm) No. 4 Serial No. 350
 Elevation (Spirit Level) 1871'
 Quadrangle CRAWFORD S.E.
 County UPSHUR District BANKS.
 Engineer C. J. Russell
 Engineer's Registration No. _____
 File No. _____ Drawing No. Y-10-918
 Date JUNE 30, 1943. Scale 1" = 40 RDS. = 660'

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

WELL LOCATION MAP
 File No. 4p-198

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. Ups 198		Gas Well
Crawford S.E. Quad.		CASING & TUBING
Company	Guiberland & Allegheny Gas Co.	
Address	800 Union Trust Bldg., Pittsburgh, Pa.	
Farm	P.S. Lewis Acres 260	10 193'3 193'3
Location		8 1/2 968'11 Same
Well No	4 - 350 Elev. 1871'	6 5/8 2095'1 Same
District	Banks Upshur County	
Surface	P.S. Lewis, Rock Cave, W.Va.	Bottom Hole Packer
Mineral	Guiberland & Allegheny Gas Co., Pittsburgh, Pa.	Size 8 1/2 x 10" Depth 953'6
Commenced	9-22-43	
Completed	11-13-43	
Date shot	--	
Open flow	23/10ths M in 2 1/2"	
Volume	867,000 C.F.	
Rock Pressure	425 lbs. 48 hrs.	
Fresh Water	79'; 431'	

Sand	0	15	Slate	2167	2170
Slate	15	50	Red Rock	2170	2188
Sand	50	65	Gordon Sand	2188	2211
Slate & Lime	65	79	TOTAL DEPTH		2211
Sand	79	135			
Slate & Lime	135	155	Gas 798'; 1055'; Show of gas 1545'		
Sand	155	160	Gas 2147-2150		
Slate	160	187	Gas 2195-2198		
Sand	187	193	Gas 2204-2206		
Slate & Lime	193	260			
Sand	260	290			
Slate	290	320			
Sand	320	360			
Slate & Lime	360	431			
Sand	431	473			
Slate	473	478			
Sand	478	488			
Slate	488	760			
Sand	760	825			
Slate	825	830			
Sand	830	895			
Slate & Lime	895	935			
Lime	935	1057			
Slate & Lime	1057	1130			
Sand	1130	1200			
Red Rock	1200	1230			
Lime	1230	1375			
Red Rock	1375	1380			
Slate & Lime	1380	1428			
Sand	1428	1476			
Big Lime	1476	1564			
Big Injun Sand	1564	1725			
Slate	1725	1735			
Sand	1735	1792			
Red Rock	1792	1800			
Sand	1800	1820			
Slate	1820	1830			
Red Rock	1830	1835			
Sand	1835	1870			
Lime	1870	1900			
Red Rock	1900	1923			
Lime, Slate & Shells	1923	1980			
Red Rock	1980	2004			
Lime	2004	2014			
Red Rock	2014	2025			
Slate, Shells, Lime	2025	2074			
Sand	2074	2088			
Slate & Lime	2088	2134			
Stray Sand	2134	2167			