



Company PITTSBURGH & WEST VA. GAS  
 Address CLARKSBURG, WEST VA.  
 Farm CREED COLLINS ET UX  
 Tract \_\_\_\_\_ Acres 1000 Lease No. 7781  
 Well (Farm) No. TWO Serial No. 4130  
 Elevation (Spirit Level) 1012' L.  
 Quadrangle WEST UNION C 5 W. 2 3  
 County RITCHIE District CLAY  
 Engineer J. S. Matthews  
 Engineer's Registration No. 1022  
 File No. V.90-P.120 Drawing No. \_\_\_\_\_  
 Date JAN. 4, 1944 Scale 1" = 300'

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

**WELL LOCATION MAP**  
 FILE NO. Rit-693-A.

+ 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.

H.S.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

601

WELL RECORD

AP/ 693-A  
Permit No. 693-A

Oil or Gas Well "GAS"  
(KIND)

Company Pittsburgh & West Va Gas Company.  
 Address Clarksburg, West Va.,  
 Farm Creed Collins Acres 1000  
 Location (waters) West Union S/W. 2-3  
 Well No. 4130 Elev. 1012' L  
 District Clay County Ritchie  
 The surface of tract is owned in fee by Mary Markle  
 Address Pennsboro, W.Va.,  
 Mineral rights are owned by Mary Markle  
 Address Pennsboro, W. Va.,  
 Drilling commenced December 6, 1912  
 Drilling completed February 11, 1913  
 Date Shot 2-12-1913 From 2268 To 2291  
 With 60 Quarts - Nitro Glycerine.  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10	580'	None	Size of
8 1/4	1122'	None	
6 1/2	1500'	1500'	Depth set
5 3/16	1920'	1920'	
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock		Soft	0	70			
Sand	White	Hard	70	90			
Red Rock		Soft	90	165			
Sand	White	Hard	165	175	Water	170'	
Slate	"	Soft	175	275			
Red Rock	Red	"	275	365			
Slate	White	"	365	375			
Sand	"	Hard	375	405			
Slate	"	Soft	405	425			
Red Rock		"	425	470			
Lime	Black	Hard	470	485			
Red Rock		Soft	485	500			
Slate	White	"	500	650			
Lime	Black	Hard	650	670			
Slate	White	Soft	670	960			
Red Rock		"	960	1050			
Big Dunkard	White	Hard	1050	1090			
Slate	Black	Soft	1090	1125			
Sand	White	Hard	1125	1135			
Red Rock	Red	Soft	1135	1155			
Slate	White	"	1155	1180			
Lime	Dark	Hard	1180	1200			
Slate	White	Soft	1200	1240			
Lime	"	Hard	1240	1300			
Slate	"	Soft	1300	1325			
Gas Sand	"	Hard	1325	1375			
Slate	Dark	Soft	1375	1400			
1st. Salt Sd.	"	Hard	1400	1440			
Lime	"	"	1440	1460			
Slate	"	Soft	1460	1495			
2nd. Salt Sd.	White	"	1495	1500			
2nd. " "	Dark	Hard	1500	1575			
Slate&Sand	"	"	1575	1625			
Slate&Shells	"	"	1625	1675			
Lime & Sand	White	Hard	1675	1750			
Slate	Dark	Soft	1750	1786			
Maxon Sand	White	Hard	1786	1796			
Slate	Dark	Soft	1796	1821			
Little Lime	White	Hard	1821	1839			

JAN 19 1914  
 DEPARTMENT OF MINES  
 WEST VIRGINIA

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Dark	Soft	1839	1861			
Big Lime	White	Hard	1861	1912			
Big Injun Sd.	Dark	"	1912	2067	Gas	1937'	
Lime	White	"	2067	2265	Gas	2270'	
Gants Sand	"	"	2265	2390			
Slate & Shells			2390	2657			
Gordon Sand	White	Hard	2657	2665			
Slate & Shells			2665	2713			
Total Depth				2713'			

Date January 6, 1944, 194

PITTSBURGH & WEST VA GAS COMPANY.

APPROVED \_\_\_\_\_, Owner

By J. E. Briggan (Title) \_\_\_\_\_



FIRST PRESSURE TEST IN 5 7/8 CASING

REMARKS

30 Sec.	10	lbs.	15	Feb 12-1913 Well shot with 60 grs. in 14' out. Bot. shell 2291 Length 23 ft
1 Min.	75	"	30	
2 "	40	"	50 <sup>6 3/8</sup>	
5 "	85	"	90	
10 "	150	"	160	
15 "	200	"	245	
30 "	290	"	295	
Rock Pressure	405	" in 18 hrs.		
Taken	Feb 11	19 13		Cap 1,058,070 Cu. ft.
By				

WELL TUBED AND PACKED Feb 24 19 13

VIZ:- Used 1887 ft. 3" Flushing  
1-5 3/16 x 3 well packer

FIRST PRESSURE TEST IN 3" TUBING

REMARKS

30 Sec.	60	lbs.		
1 Min.	95	"		
2 "	125	"		
5 "	170	"		
10 "	180	"		
15 "	190	"		
30 "	220	"		
Rock Pressure	420	" in 24 hrs. May 31-1913 P.O.	430*	
Taken	Feb 25	19 13		
By				

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

Blank lined area for recording material sources.

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Red Rock		70				
Sand	70	90				
Red Rock	90	165			170	
Sand	165	175				
Slate	175	275				
Red Rock	275	365				
Slate	365	375				
Sand	375	405				
Slate	405	425				
Red Rock	425	470				
Time	470	485				
Red Rock	485	570				
Slate	570	650				Coal 650
Time	650	670				
Slate	670	960				
Red Rock	960	1030				
Big Lumber	1030	1090				
Slate	1090	1125				
Sand	1125	1135				
Red Rock	1135	1155				
Slate	1155	1180				
Time	1180	1200				
Slate	1200	1240				
Time	1240	1300				
Slate	1300	1325				
Gas Sand	1325	1375				
Slate	1375	1400				
wt. Salt Sand	1400	1440				
Time	1440	1460				
Slate	1460	1495				
wt. Salt Sand	1495	1520				
Sand	1520	1575			1575	
Slates Sand	1475	1625				
Slates Shell	1625	1675				
Time Sand	1675	1750				
Slate	1750	1786				
Time	1786	1796				
Slate	1796	1821				
Little Time	1821	1839				
Small Coal Slate	1839	1861				
Big Time	1861	1912				
Big Lumber Sand	1912	2067				
Sand	2067	2265		1937		
Sp. Sand	2265	2330				
Slates Shell	2330	2657		2270		
Sp. Sand	2657	2665				
Slates Shell	2665	2713				
Total Depth	2713					