





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

349

WELL RECORD

Permit No. 302-A Oil or Gas Well GAS  
(KIND)

Company Pittsburgh & West Va Gas Company.  
Address Clarksburg, West Va.  
Farm Phillip Shuman Acres 140  
Location (waters) Blk. 11/W. 1-3 31  
Well No. 5085 Elev. 1371'  
District Battelle County Monongalia  
The surface of tract is owned in fee by Albert Shuman et al.  
Address Morgantown, W.Va.  
Mineral rights are owned by Albert Shuman and Mary A.  
Lealey, 174 Chancery Road, Morgantown, West Va.  
Address Morgantown, West Va.  
Drilling commenced April 7, 1914  
Drilling completed June 3, 1914  
Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
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 _____
13			Anchor _____
10	1323'	1323'	Size of <u>3-2/16" x 3"</u>
8 1/4	1045'	1045'	
6 5/8	2047'	2047'	Depth set <u>3345</u>
5 3/16	2275'	2275'	
3			Perf. top _____
2	2452'	2452'	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 678 FEET 60 INCHES  
926 FEET 60 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Un-recorded			0	605			
Bluff Sand			605	673			
Un-recorded			673	678			
Fairview Coal			678	683			
Un-recorded			683	926			
Mapletown Coal			926	931			
Un-recorded			931	1030			
Fgh. Coal			1030	1037	Water	Fgh. Coal	2 Banners.
Un-recorded			1037	1182			
Murphy Sand			1182	1202			
Un-recorded			1202	1430			
Little Dunford			1430	1463			
Un-recorded			1463	1496			
Big Dunford			1496	1544			
Un-recorded			1544	1610			
Gas Sand			1610	1657			
Un-recorded			1657	1820			
1st. Salt Sand			1820	1850			
Un-recorded			1850	1890			
2nd. Salt Sand			1890	2060	Water	1938'	3 Banners Hr. Hole full.
Un-recorded			2060	2240	"	1950'	
Little Lime			2240	2249			
Pencil Cove			2249	2254			
Big Lime			2254	2319			
Big Injun			2319	2520	Gas	2321-29'	
Un-recorded			2520	2530			
Berea Sand			2530	2612			
Un-recorded			2612	2774			
Stray Sand			2774	2792			
Un-recorded			2792	2808			
Stray Sand			2808	2830			
Un-recorded			2830	2863			
Ganta Sand			2863	2900			
Un-recorded			2900	2910			
Fifty Foot Sand			2910	2930			
Un-recorded			2930	2951			
Thirty Foot Sand			2951	3016			
Un-recorded			3016	3029			
Stray Sand			3029	3062			
Un-recorded			3062	3082			
Stray Sand			3082	3090			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Un-recorded			3090	3142			
Gordon Stray			3142	3150			
Un-recorded			3150	3161			
Stray Sand			3161	?			
Gordon Sand			3170	3187			
Un-recorded			3187	3225			
4th. Sand			3225	3244			
Un-recorded			3244	3264			
Stray Sand			3264	3290			
Un-recorded			3290	3299			
4th. Sand			3299	3324			
Un-recorded			3324	3363			
5th. Sand			3363	3368			
Un-recorded			3368	3411			
Bayard Sand			3411	3415	Gas	3412'	
Un-recorded			3415	3423			
Total Depth				3423			

WELL RECORD

Date September 2, 1911.

1911

PITTSBURGH & WEST VA GAS COMPANY,

APPROVED

*W. G. Masten* Owner

By

(Title)

Record of Well No. 5085

Located on Phillip Shuman et al. Farm Jan. 15 - 1914

Rattelle

District Monongalia

County W. Va.

Division

District No. 11

Drilled under Well Order 782  
Lester 764

Rig built by John Craig

Began Feb. 14

1914

Completed Mar. 10

1914

Well drilled by Sanders Bros.  
Drilled by P. G. W. Va. S. & C.

Began April 20  
" " 25 - 14

1914

Completed June 3  
Jan 12

1915

Depth of Well 2344 feet

Size of Hole 5 7/8"

Producing Gas

Gas

Elev: 1371

CASED WITH

REMARKS

AMOUNT	SIZE	KIND	
16'	13"	Wood	
1323'	10"	Old	
1845'	8 1/4"	Old	
2047'	6 5/8"	New	1-6 7/8" casing shoe
2275'	5 3/4"	"	
3452	2"		
2357'	2"	Reamed	

COAL VEINS Fairview 678 926 1030  
Mapleton 687 931 1037

FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Murphy sand	1182	1202			1034	2. Barlow Reservoir
Little Shumard	1430	1463				
Big Shumard	1496	1564				
Gas sand	1610	1657				
1st. salt sand	1750	1850				
2nd. "	1890	2060			1738	3 B.P.M. 740 full
Little Limerick	2170	2249			1950	
Big "	2254	2319				
Big Dupon	2319	2374		2321	2329	16/10 water 5 7/8" 11/10 m. 25' 1161 Mcf
Total Dupon		2374				
Big Dupon		2520				Began Dupon 14/10/14
Vera Strait	2580	2612				14/10 m. 25' 1161 Mcf
Stray sand	2774	2792				
" "	2808	2830				Completed Jan. 12 1915
Stray "	2868	2900				
Fifty foot sand	2910	2930				
Thirty "	2951	3016				
Stray sand	3029	3062				
Concha run "	3082	3090				
Jordan stray	3142	3150				
Stray sand	3161					
Jordan "	3178	3187				
Fourth "	3225	3246				
Stray "	3266	3290				
2" Fourth "	3299	3324				
Fifth sand	3363	3368				
Guard sand	3418	3415		3412		545 Mcf 3.3 Water 2" O.P.
Total Depth		3423				

FIRST PRESSURE TEST *after drilling deeper.*

30 Sec.	15	lbs.	2
1 Min.	25	"	5
2 "	50	"	10
5 "	100	"	40
10 "	180	"	75
20 "	285	"	135
30 "	345	"	190

Rock Pressure 575-20 lbs. in 440 in 36 hrs.  
 Taken June 5, - 1914 19 Jan. 14, 1915.  
 By

June 1917, 8" W2" 134,400 370-48 hrs.  
 June 1918, 4" W2" 94,550 340-48 hrs.  
 9-19-1911 that 30 Qtr  
 Show 78 feet 3417  
 F.B.S 7 1/2 W 1/2 - 4800  
 J.A.S 4 1/2 W 3/4 - 27600  
 134 7th Street Denver 747 7th Ave. Co.

WELL TUBED AND PACKED. Oct. 3 1914

VIZ:- 117 ft. 235 ft. of 2 tubes.  
 1-5 7/16 X 2" Callan Anchor Packer  
 3 ft. 30 ft. 7" anchor.  
 Reelined

Jan. 20 - 1915.  
 172 ft. 3452 ft. 2" Tubing.  
 9 ft. 107 ft. of anchor.  
 1-5 7/16 X 3" Anchor Packer

FIRST PRESSURE TEST IN 2" TUBING

30 Sec.	25	lbs.	10
1 Min.	40	"	35
2 "	65	"	60
5 "	110	"	150
10 "	142	"	275
15 "		"	370
30 "	180	"	545

Rock Pressure 285 24 hrs. in 745 in 12 hrs.  
 Taken Oct. 3 - 1914 19 Jan. 20, 1915.  
 By

REMARKS

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

1 set. Rig timbers \$100.00 Summit Logging  
 8587 ft. Lumber @ \$30.00 R. M. Lemley & Bros.  
 400 lbs. nails. Stock  
 1 set. Rigging with iron reel Lee & Moore Co. Inc.  
 1 Well Pat. Pipe direct for drilling  
 1-13" Conductions \$856.00 R. M. Lemley & Bros.  
 285 1/2 ft. Lumber sold @ 30.00 \$856.00 R. M. Lemley & Bros.