



Company Pittsburgh & W.Va. Gas Co. 652
 Address 608 Union Bank, Clarksburg, W.Va.
 Farm E.J. Nutter
 Tract Acres 110 Lease No. 13580
 Well (Farm) No. 3 Serial No. 4404
 Elevation (Spirit Level) 1396
 Quadrangle Clarksburg J.F.
 County Harrison District Simpson
 Engineer James D. Jeffries
 Engineer's Registration No.
 File No. Drawing No.
 Date 3-24-38 Scale 1"-500'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 File No. HAR 425 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.

18 JOURNAL

1938

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WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

4204

Gas

Permit No. 425-A

Oil or Gas Well (Kind)

Pittsburgh & West Va Gas Company.
 Company CLARKSBURG, West Va.
 Address E. J. Hutter Acres 110
 Farm CLARKSBURG, S.E. 4-4
 Location (waters) 4404 Elev. 1396
 Well No. Simpson County Harrison
 District R. S. Lang
 The surface of tract is owned in fee by Annmore, W.Va.
 Address Bill E. Morris.
 Mineral rights are owned by Clarkburg, W.Va.
 Address November 3th, 1915.
 Drilling commenced December 20th, 1915.
 Drilling completed 12-22-1915 Depth of shot 2533
 Date shot 12-22-1915 Depth of shot 2533
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 815 - 970 feet 1167 feet
 Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	<u>wood</u>	<u>16</u>	
10		<u>353</u>	Size of
8 1/4		1495	
6 5/8		<u>1495</u>	Depth of
5 3/16		<u>8318</u>	
3		<u>8318</u>	
2			
Liners Used			
CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT	FEET	INCHES	
	FEET	INCHES	
	FEET	INCHES	

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Un-recorded			0	295	Water	60'	
Little Dunkard	Light	Hard	395	432			
Slate	Dark	Soft	432	510			
Sand	Light	Hard	510	520			
Slate	Dark	Soft	520	532			
Sand	Light	Hard	532	540			
Slate	Dark	Soft	540	546			
Big Dunkard	White	Hard	546	571			
Slate	"	Soft	571	630			
Gas Sand	Light	Hard	630	660			
Slate	"	Soft	660	675			
Sand	"	Hard	675	685	Sh. Gas	680'	
Slate	Dark	Soft	685	785			hole reduced at 767'
1st. Salt	Light	Hard	785	825	Water	815'	
Slate	"	Soft	825	835			
2nd. Salt	"	Hard	835	1005	Water	970'	
Slate	"	Soft	1005	1020			
3rd. Salt	Dark	Hard	1020	1070			
Slate	"	Soft	1070	1085			
Sand	Light	Hard	1085	1130			
Slate	Dark	Soft	1130	1162	Gas	1163'	
Sand	Light	Hard	1162	1188	Water	1167'	
Un-recorded			1188	1244			
Red Rock	Red		1244	1258			
Un-recorded			1258	1258			
Sand			1258	1320			
Red Rock	Red		1320	1370			
Un-recorded			1370	1460			
Little Line			1460	1470			
Pencil Cave			1470	1477			
Big Line			1477	1548			
Big Injun	Light	Hard	1548	1602	Gas	1563'	
Red Rock	Red	"	1597	1668			
Big Injun	Light	"		1668			
Slate	White	Soft	1665	1670			
Slate	Dark	"	1670	1765			
Berea	"	Hard	1765	1800			
Slate	"	Soft	1800	1870			
Fifty Foot	Light	Hard	1870	1900			
Slate	Dark	Soft	1900	1910			
Thirty Foot	"	Hard	1910	2055			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found
Slate	Dark	Soft	2035	2045		
Sand	"	Hard	2045	2100		
Sl. & Shells	"	Soft & Hard	2100	2125		
Sand	"	Hard	2125	2177		
Slate	"	Soft	2177	2180		
Sand	Light	Hard	2180	2190		
Red Rock	Red	Soft	2190	2314		
Gordon Stray			2314	2325		
Red Rock	Red		2325	2335		
Gordon Sand			2335	2347		
Un-Recorded			2347	2367		
4th. Sand			2367	2388		
Un-Recorded			2388	2508		
5th. Sand			2508	2544	Gas	2528'
Un-Recorded			2544	2559		
Total Depth-				2559		

March 15th, 1933

Date _____, 19__

Pittsburgh & West Va Gas Co.

APPROVED _____, Owner

F. E. Brigden.

By _____

(Title)

Record of Well No. 4404 Located on E. J. Mutter Farm Oct 14 1915
Simpson District Harrison County West Va State
 Division 9 District No. 11 Drilled under well Order 364
 Rig built by John Craig Began Oct. 19 1915 Completed Oct 22 1915
 Well drilled by Mark Hartness Began Nov. 5 1915 Completed Dec 20 1915
 Depth of Well 2569 feet Size of Hole 5 3/16 Producing Gas

CASED WITH

REMARKS

Elev. 1396 G.L.

AMOUNT	SIZE	KIND	REMARKS
16'	13"	Wood	
153'	10"	Wau	Reclaimed.
1495'	6 5/8"	"	1-8 1/4 x 6 5/8 B. H. Parker all reclaimed
2336'	5 3/16"	2018	1-5 3/16 shoe out at 2220. 9' left in
<p><i>Tagged 1-14-15</i></p>			

COAL VEINS

FORMATIONS

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS (Thickness of feet)
Little Sand			432	570	Water 60-5' B. T.
"			546	571	
Clas Sand			630	665	
1st fact sand			795	825	Water 990-8'
2nd " "			855	1005	
3rd " "			1020	1070	
Sand			1162	1185	" - 1163 Tag 1162
Mayland			1285	1370	
Little Limestone			1460	1470	
Big Limestone			1476	1648	
Shell from			1548		" 1665
1st of Limestone			1597	1682	
50 ft. Shell				1665	
30 ft. Shell			1870	1900	
1st sandstone			1910	2035	
2nd sandstone			2314	2325	
3rd sandstone			2335	2347	
4th sandstone			2367	2374	
Sand			2412	2435	
5th sand			2588	2544	Gas. 2528 - 14 1/2' W. 2'

(10) Bridgeport - Povertytown

FIRST PRESSURE TEST IN 5 3/16 CASING

REMARKS

30 Sec. 2 lbs.
 1 Min. 4 "
 2 " 6 "
 5 " 12 "
 10 " 24 "
 15 " 36 "
 30 " 70 "

Shot Dec 20 - 1915
 20 lbs 57 sand
 Brit. Shell 25-33

Rock Pressure 250 " in 20 hrs.

Taken Dec 20 19 15

By D. E. Jones

WELL TUBED AND PACKED Dec 28 1915

VIZ: - Used 12.9 lbs. of 57 sand
1- 5 3/16 x 2 1/2 W. N. Parker
8 lbs. 14 ft. of vibrator

17 1/2
17 1/2
17 1/2

FIRST PRESSURE TEST IN 2" TUBING

REMARKS

30 Sec. 22 lbs.
 1 Min. 34 "
 2 " 58 "
 5 " 120 "
 10 " 208 "
 15 " 277 " 337
 30 " 425 "

Rock Pressure 600 " in 16 hrs.

Taken Dec 28 19 15

By D. E. Jones

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

Well # 4404 E. J. Nutters

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Clay		50				
Sand	50	433				
Little Sand	433	510				
Slate	510	546				
Big Sand	546	571				
Slate & Sand	571	660				
Sand	660	675				
Slate & Sand	675	785				
1st. Soft Sand	785	825				
Slate	825	885				
2nd. Soft Sand	885	1005				
Slate	1005	1020				
3rd. Soft Sand	1020	1070				
Slate	1070	1085				
Sand	1085	1162				
Sand	1162	1185		1163		
Red Rock	1185	1460				
Little Sand	1460	1470				
Slate	1470	1476				
Big Sand	1476	1548				
Big Iron Sand	1548	1665		1566		
Slate	1665	1670				
Sand	1670	1765				
Slate	1765	1800				
Sand	1800	1870				
Finest Root Sand	1870	1900				
Slate	1900	1910				
Finest Root Sand	1910	2035				
Water Sand	2035	2214				
Gordon Stray	2314	2325				
Slate	2325	2335				
Gordon Sand	2335	2347				
Slate	2347	2367				
House Sand & Shell	2367	2374				
Slate	2374	2412				
Sand	2412	2435				
Slate	2435	2528				
Soft Sand	2528	2544		2528		
Slate	2544	2567				
Total Depth		2567				