



Company Pittsburgh & W. Va. Gas Co 1352  
 Address Clarksburg, W. Va.  
 Farm T. S. Hardesty  
 Tract 1 Acres 100 Lease No. 8311  
 Well (Farm) No. 1 Serial No. 1892  
 Elevation (Spirit Level) 930  
 Quadrangle Clarksburg N. E. 34  
 County Harrison District Eagle  
 Engineer Paul W. Cunningham  
 Engineer's Registration No. \_\_\_\_\_  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 2-7-40 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. HAR-561-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.

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

459

WELL RECORD

Permit No. 581A

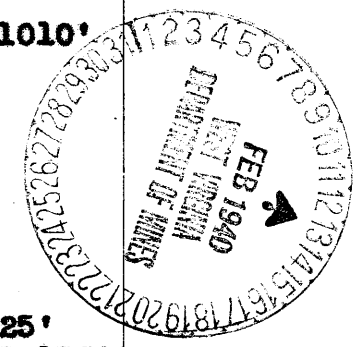
Oil or Gas Well Gas  
(Kind)

**Pittsburgh & West Va Gas Company.**  
 Address Clarksburg, West Va.  
 Farm T. S. Hardesty Acres 100  
 Location (waters) Clks, N/E. 3-1  
 Well No. 1892 Elev. 930  
 District Eagle County Harrison  
 The surface of tract is owned in fee by Consolidation Coal Co. Address Fairmont, W.Va.  
 Mineral rights are owned by Dora B. Hardesty et al. Address Mannington, W.Va.  
 Drilling commenced June 9th, 1906  
 Drilling completed July 26th, 1906  
 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 182 feet \_\_\_\_\_ feet  
 Salt water 1010' feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>182</u>	<u>182</u>	Size of
8 1/4	<u>963</u>	<u>963</u>	
6 5/8	<u>1385</u>	<u>1385</u>	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT 60 FEET 96 INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Yellow	Soft	0	12			
Lime	White	Hard	12	52			
Slate	Black	Soft	52	60			
Pgh. Coal		"	60	68			
Slate	Black	"	68	75			
Lime	White	Hard	75	100			
Slate	"	Soft	100	125			
Lime	"	Hard	125	160			
Shale		"	160	170			
Slate	White	Soft	170	200	Water	182'	
Lime	"	Hard	200	225			
Red Rock	Red	Soft	225	360			
Lime	White	Hard	360	430			
L. Dunkard	"	"	430	460			
Lime	"	"	460	530			
Big Dunkard		"	530	650			
Lime	White	"	650	770			
Salt Sand		"	770	1120	Water	1010'	
Slate	Black	Soft	1120	1130			
Sand	White	Hard	1130	1200			
Slate	"	Soft	1200	1230			
Red Rock		"	1230	1310			
Lime	White	Hard	1310	1340			
Slate	"	"	1340	1350			
Lime	"	Hard	1350	1355			
Pencil Cave		"	1355	1360			
Big Lime		Hard	1360	1425	Gas	1425'	
Big Injun		"	1425	1550	Gas	1475-1530'	
Slate&Shells		"	1550	1920			
50 Ft. Sand		"	1920	2010	Gas	1990'	
Sand	Red	Hard	2010	2040			
Slate	White	"	2040	2070			
30 Ft. Sand	"	"	2070	2100			
Slate	Red	Soft	2100	2130			
Slate-Shells		"	2130	2220			
Sand	White	"	2220	2255			
Gordon Sand		"	2255	2310	Gas	2255 - 2261'	
Slate	White	Soft	2310	2429			
Fifth Sand		"	2429	2445	Gas	2433'	
Slate		"	2445	2660			
Total Depth				2660			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date **February 2nd,** 19 **40**

APPROVED **PITTSBURGH & WEST VA GAS**, Owner

By *[Signature]*  
 (Title)

Record of Well No. 1892 Located on J. P. Hardesty Farm April 19 1906  
Espe District Harrison County West Va State  
 Division A. District No. 11 Drilled under well Order 630  
 Rig built by John Craig Began 19 Completed May 26 1906  
 Well drilled by J. W. Agnew Began June 9 1906 Completed July 26 1906  
 Depth of Well 2660 feet Size of Hole 6 3/4 Producing Gas

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13 1/2"	Wood	Elev. 930 G.L.
182'	10"	Old	
963'	8 1/2"	New	
1315'	6 3/4"	"	

COAL VEINS 40  
50

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Little Lumberport</u>			430	460	
<u>Big "</u>			480	650	
<u>Salt Sand</u>			770	1120	<u>Water 845</u>
<u>Big Lime</u>			1360		
<u>Big Limestone</u>			1425	1550	<u>Gas 1475</u>
<u>Reddish Rock</u>			1920	2010	" <u>1530</u>
<u>Thinly Root</u>			2070	2105	" <u>1990</u>
<u>Hard sand</u>			2220	2310	
<u>Break</u>			2250	2255	" <u>2261</u>
<u>Fourth sand</u>			2427	2445	" <u>2433</u>

of log all down to 10

(104) Brown Lumberport

FIRST PRESSURE TEST IN \_\_\_\_\_ CASING

REMARKS

30 Sec. \_\_\_\_\_ lbs.

1 Min. \_\_\_\_\_ "

2 " \_\_\_\_\_ "

5 " \_\_\_\_\_ "

10 " \_\_\_\_\_ "

15 " \_\_\_\_\_ "

30 " \_\_\_\_\_ "

Rock Pressure \_\_\_\_\_ " in \_\_\_\_\_

Taken \_\_\_\_\_ 19 \_\_\_\_\_

By \_\_\_\_\_

WELL TUBED AND PACKED Aug 1 1926

VIZ: 1894 ft 3" Tubing

1-6 1/2 x 4" Wood Pack

1-4" P. L. B. L. Nipple

FIRST PRESSURE TEST IN \_\_\_\_\_ TUBING

REMARKS

30 Sec. \_\_\_\_\_ lbs.

1 Min. \_\_\_\_\_ "

2 " \_\_\_\_\_ "

5 " \_\_\_\_\_ "

10 " \_\_\_\_\_ "

15 " \_\_\_\_\_ "

30 " \_\_\_\_\_ "

Rock Pressure \_\_\_\_\_ " in May 31 - 1913 - 250\*\*

Taken \_\_\_\_\_ 19 \_\_\_\_\_

By \_\_\_\_\_

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES: