



- New Location
- Drill Deeper
- Abandonment

Company PITTSBURGH & W.VA. GAS CO.

Address CLARKSBURG, W.VA.

Farm JOHN A. HARBERT

Tract Acres 120 Lease No. 6675

Well (Farm) No. TWO Serial No. 4226

Elevation (Spirit Level) 1127 V.A.

Quadrangle CLARKSBURG N.W. 4

County HARRISON District EAGLE

Engineer Kenneth B. Moore

Approved By Benjamin 764

Engineer's Registration No. \_\_\_\_\_

File No. V126 P82 Drawing No. \_\_\_\_\_

Date DEC. 6, 1943 Scale 1" = 500'

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

**WELL LOCATION MAP**  
FILE NO. HAR-1267

- + 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.

WC



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

1103

WELL RECORD

Oil or Gas Well **"GAS"**  
(KIND)

Permit No. 1267-A

Company Pittsburgh & West Va Gas Company.  
 Address Clarksburg, West Va.  
 Farm John A. Harbert Acres 120  
 Location (waters) Clarksburg N/W. 4-1  
 Well No. 4226 Elev. 1127' VA  
 District Eagle County Harrison  
 The surface of tract is owned in fee by C. S. Harbert  
R.D.#1 Address Brown, W. Va.  
 Mineral rights are owned by Bonnie Bates, Atty-in-Fact.  
 Address Lumberport, W. Va.  
 Drilling commenced February 23rd, 1914  
 Drilling completed April 11th, 1914  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 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			
10 <u>Completed.</u>	<u>360'</u>	<u>360'</u>	Size of
8 1/4	<u>1151'</u>	<u>1151'</u>	
6 3/4	<u>1616'</u>	<u>1616'</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 277 FEET 36 INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil	Black	Soft	0	4			
Clay	Red	"	4	14			
Lime	White	Hard	14	29			
Slate	Dark	Soft	29	34			
Lime	Blue	Hard	34	140	Water	70'	
Slate	Dark	Soft	140	145			
Slate	"	"	145	160			
Shells	"	Hard	160	170			
Lime	White	"	170	190			
Slate	Dark	Soft	190	206			
Sand	White	Hard	206	221			
Slate	Dark	Soft	221	226			
Lime	Blue	Hard	226	272			
Slate	White	Soft	272	277			
Coal	Black	Soft	277	280			
Lime	Blue	Hard	280	300			
Slate	Dark	Soft	300	334			
Lime	White	Hard	334	340			
Slate	"	Soft	340	360			
Slate/Lime Shells	"	"	360	380			
Red Rock	Red	Soft	380	526			
Slate	Light	Soft	526	549			
Red Rock	Red	Hard	549	562			
Slate	Gray	Soft	562	586			
Lime	Blue	Hard	586	602			
Slate	Gray	Soft	602	616			
Lime	Light	Hard	616	651			
Little Dunkard	"	"	651	676			
Slate	White	Soft	676	742			
Lime	"	Hard	742	794			
Big Dunkard	"	"	794	824			
Slate	"	Soft	824	839			
Big Dunkard	"	Hard	839	863			
Slate	"	Soft	863	873			
Lime	"	Hard	873	908			
1st. Salt Sand	"	"	908	1041			
Black Shale	"	Soft	1041	1093			
Lime	Dark	Hard	1093	1160	Water	1137'	
Slate	"	Soft	1160	1190			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
3rd. Salt Sand	White	Hard	1190	1340			
Slate	Black	Soft	1340	1370			
Sand	White	Hard	1370	1441			
Red Rock		"	1441	1481			
Lime	White	Hard	1481	1541			
Slate	Dark	Soft	1541	1551			
Red Rock		"	1551	1576			
Big Lime	White	Hard	1576	1620			
Big Injan	"	Hard	1620	1749			
Lime	"	Hard	1749	1799			
Slate&Shells		Soft&Hard	1799	1853			
Lime	White	Hard	1853	1878			
Slate	Dark	Soft	1878	1943			
Slate&Shells		Hard&Soft	1943	2005			
Sand	Dark	Hard	2005	2025			
Slate&Shells	"	Hard&Soft	2025	2130			
Slate&Shells	Dark	" "	2130	2220			
50 Ft. Sand	White	Hard	2220	2245			
Slate	Dark	Soft	2245	2256			
Sand	Light	Hard	2256	2265			
Lime & Slate	Shells		2265	2297			
30 Ft. Sand	Light	Hard	2297	2318	Gas	2302'	
Slate	Dark	Soft	2318	2325			
Red Rock			2325	2328			
Stray Sand	White	Hard	2328	2365			
Slate & Lime	Shells		2365	2372			
Garden Sand	White	Hard	2372	2510	Gas	2484'	
Shells	Dark	Hard	2510	2530			
Slate	Dark	Medium	2530	2555			
Sand	Dark	Hard	2555	2562			
Slate & Shells	"	Common	2562	2605			
Total Depth.....				2605			

February 14th, 1947

Date \_\_\_\_\_, 19\_\_\_\_

PITTSBURGH & WEST VA GAS COMPANY.

APPROVED \_\_\_\_\_

Owner

By \_\_\_\_\_

(Title)

Eagle District, Harrison County, W. Va.

By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.

Abandoned under permit Har-.....-A?

On 120 acres; Clarksburg N/W 4-1.

Elevation, 1127' V. A.

Surface owned by C. S. Harbert, R. D. No. 1; Brown, W. Va., and minerals  
by Bonnie Bates, Atty.-in-fact, Lumberport, W. Va.

Drilling commenced Feb. 23, 1914; completed April 11, 1914.

10" casing, 360' (cemented); 8 $\frac{1}{4}$ " , 1151'; 6 $\frac{5}{8}$ " , 1616'; all left in.

Coal was encountered at 277-280'.

Gas well. Abandonment reported to Dept. of Mines Feb. 14, 1947.

Record stamped Oct. 19, 1948.

48?

Record to RCT from Mrs. Griffith March 17, 1949. Old File No. 1103.

	Top.	Bottom.
Soil, black, soft	0	4
Clay, red, soft	4	14
Lime, white, hard	14	29
Slate, dark, soft	29	34
Lime, blue, hard (water, 70')	34	140
Slate, dark, soft	140	145
Slate, dark, soft	145	160
Shells, dark, hard	160	170
Lime, white, hard	170	190
Slate, dark, soft	190	206
Sand, white, hard	206	221
Slate, dark, soft	221	226
Lime, blue, hard	226	272
Slate, white, soft	272	277
Coal, black, soft	277	280
Lime, blue, hard	280	300
Slate, dark, soft	300	334
Lime, white, hard	334	340
Slate, white, soft	340	360
Slate and lime shells	360	500
Red rock, soft	500	526
Slate, light, soft	526	549
Red rock, hard	549	562
Slate, gray, soft	562	586
Lime, blue, hard	586	602
Slate, gray, soft	602	616
Lime, light, hard	616	651
Little Dunkard Sand, light, hard	651	676
Slate, white, soft	676	742
Lime, white, hard	742	794
Big Dunkard Sand, white, hard	794	824
Slate, white, soft	824	829
Big Dunkard Sand, white, hard	829	863
Slate, white, soft	863	873
Lime, white, hard	873	988
1st Salt Sand, white, hard	988	1041
Black shale, soft	1041	1093
Lime, dark, hard (water, 1137')	1093	1160
Slate, dark, soft	1160	1190
3rd Salt Sand, white, hard	1190	1340
Slate, black, soft	1340	1370
Sand, white, hard	1370	1441

(OVER)

## JOHN A. HARBERT NO. 4226 WELL (Continued).

	Top.	Bottom.
Red rock, hard	1441	- 1481
Lime, white, hard	1481	- 1541
Slate, dark, soft	1541	- 1551
Red rock, soft	1551	- 1576
Big Lime, white, hard	1576	- 1620
Big Injun Sand, white, hard	1620	- 1749
Lime, white, hard	1749	- 1799
Slate and shells, soft and hard	1799	- 1853
Lime, white, hard	1853	- 1878
Slate, dark, soft	1878	- 1943
Slate and shells, hard and soft	1943	- 2005
Sand, dark, hard	2005	- 2025
Slate and shells, dark, hard and soft	2025	- 2130
Slate and shells, dark, hard and soft	2130	- 2220
50-Ft. Sand, white, hard	2220	- 2245
Slate, dark, soft	2245	- 2256
Sand, light, hard	2256	- 2265
Lime and slate shells	2265	- 2297
30-Ft. Sand, light, hard (gas, 2302')	2297	- 2318
Slate, dark, soft	2318	- 2325
Red rock	2325	- 2328
Stray Sand, white, hard	2328	- 2365
Slate and lime shells	2365	- 2372
Gordon Sand, white, hard (gas, 2484')	2372	- 2510
Shells, dark, hard	2510	- 2530
Slate, dark, medium	2530	- 2555
Sand, dark, hard	2555	- 2562
Slate and shells, dark, common	2562	- 2605
Total depth		2605

Record of Well No. 4226 Located on John A. Harbert Farm Jan 17 1914  
Essex District Harrison County West Va State  
 Division A District No. 11 Drilled under well Order 780  
 Rig built by John Craig Began Feb 6 1914 Completed Feb 14 1914  
 Well drilled by W. M. Burchart Began Feb 23 1914 Completed April 11 1914  
 Depth of Well 2605 feet Size of Hole 6 5/8 Producing Gas

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13"	Wood	
360'	10"	Steel	Cemented
1157'	8 1/4"	"	
1616'	6 5/8"	"	1 - B. A. Packer

COAL VEINS Exp Coal <sup>277</sup>  
 280

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (Thickness of Part)
<u>Big Limestone</u>			<u>1576</u>	<u>1620</u>	
<u>Big Iron</u>			<u>1620</u>	<u>1749</u>	
<u>Red Rootland</u>			<u>2220</u>	<u>2250</u>	<u>Gas 2220</u>
<u>Thin " "</u>			<u>2275</u>	<u>2319</u>	<u>" 2245</u>
<u>Upper Millstone</u>			<u>2328</u>	<u>2365</u>	
<u>Lower Millstone</u>			<u>2380</u>	<u>2370</u>	<u>" 2484</u>
<u>Red sand</u>			<u>2560</u>	<u>2562</u>	
<u>Note</u>			<u>2562</u>	<u>2605</u>	

(104) Brown - Lumberport

FIRST PRESSURE TEST IN 6 5/8 CASING

REMARKS

30 Sec. 15 lbs.1 Min. 25 "2 " 40 "5 " 80 "10 " 110 "15 " 118 "30 " 130 "

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

Taken April 11 19 14By P. O. RoundsWELL TUBED AND PACKED April 14 19 14

VIZ: Used 130 ft. 3 1/2" Tubing  
1-6 5/8 x 3" Rock Wall Packer  
40 ft. 8 7/8" 3" of Anchor

FIRST PRESSURE TEST IN 3" TUBING

REMARKS

30 Sec. 50 lbs.1 Min. 70 "2 " 90 "5 " 115 "10 " 125 "15 " 130 "30 " 130 "Rock Pressure 135 " in 24 hrsTaken April 13 19 14

By \_\_\_\_\_

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

Well # 40226 John O. Harbert

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Grass Prot		2 1/2				
Soil	2 1/2	4				
Clay	4	14				
Lime	14	29				
Slate	29	34				
Lime	34	140			70	
Slate	140	145				
Slate	145	160				
Shells	160	170				
Lime	170	190				
Slate	190	206				
Sand	206	221				
Slate	221	226				
Lime	226	272				
Slate	272	277				
Exp. Coal	277	280				
Lime	280	300				
Slate	300	334				
Lime	334	340				
Slate	340	360				
Slate Lime & Shells	360	500				
Red Rock	500	526				
Slate	526	549				
Red Rock	549	562				
Slate	562	586				
Lime	586	602				
Slate	602	616				
Lime	616	657				
Little Dunkard	657	676				
Slate	676	742				
Lime	742	794				
Big Dunkard	794	824				
Slate	824	829				
Sand	829	863				
Slate	863	873				
Lime	873	988				
W. Sand	988	1041				
Black Shale	1041	1093				
Lime	1093	1160				
Slate	1160	1198			1157	
3rd Fall Sand	1198	1340				
Slate	1340	1370				
Sand	1370	1441				
Exp Rock	1441	1481				
Lime	1481	1541				
General Core	1541	1557				
Exp Rock	1557	1576				
Big Lime	1576	1620				
Big Impure Sand	1620	1749				
Lime	1749	1799				
Slate & Shells	1799	1853				
Lime	1853	1878				
Slate	1878	1943				
Slate & Shells	1943	2005				
Sand	2005	2025				
Slate & Shells	2025	2130				
Slate & Shells	2130	2220				
W. Root Sand	2220	2245				
Slate	2245	2256				
Sand	2256	2265				
Lime	2265	2297				
W. Root Sand	2297	2318			2302	
Slate	2318	2325				
Exp Rock	2325	2328				



