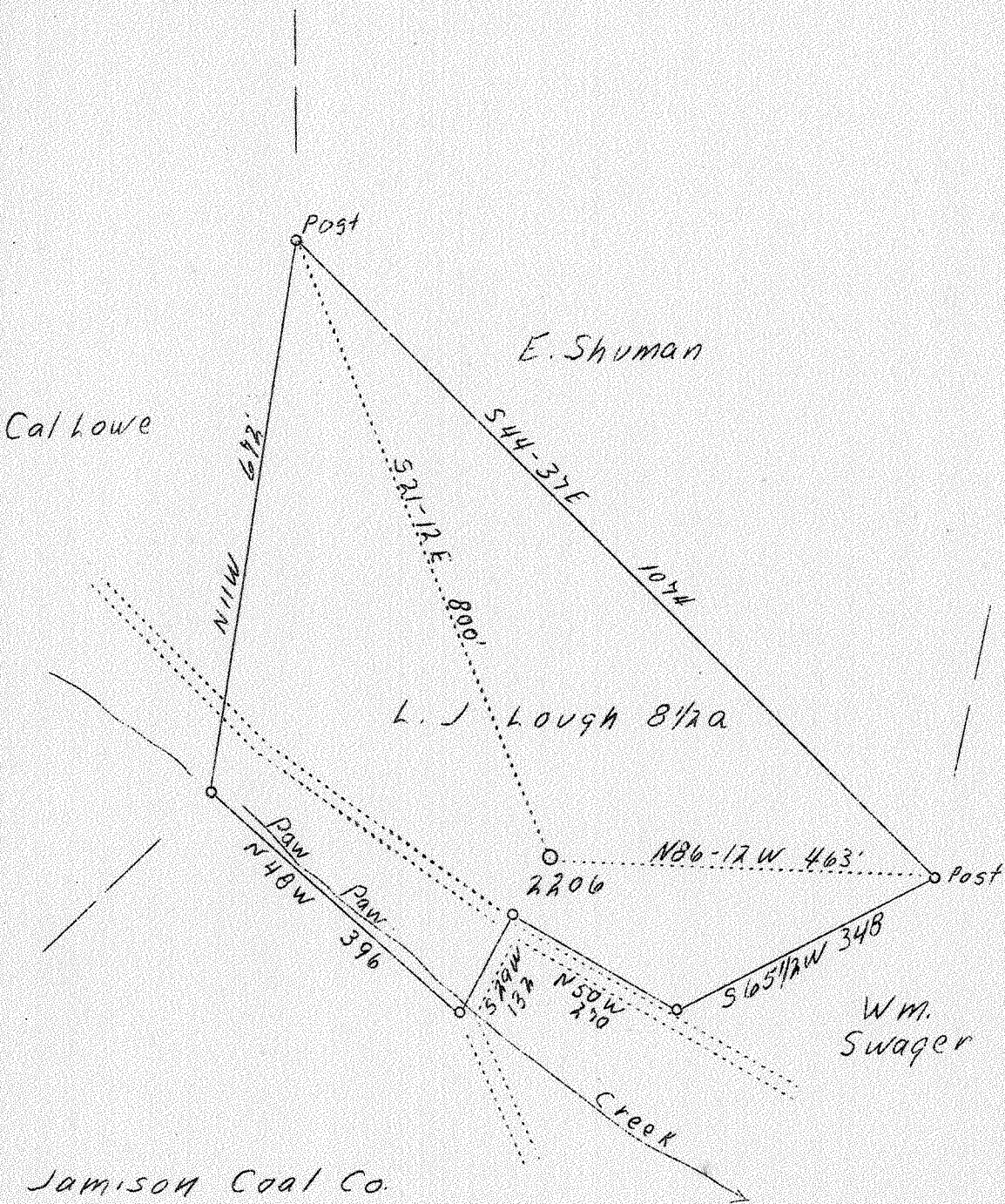


LATITUDE 39°35'

LONGITUDE 80°10'



ABD.

3.4 W
0.15
FEB 13 1939

3.4 W
0.10

Company	Pgh. & W. Va. Gas Co.
Address	608 Union Bank, Clarksburg, W. Va.
Farm	L. J. Lough
Acres	8-1/2
Lease No.	6922
Well (Farm) No.	One
Serial No.	2206
Elevation	1053 - V.A.
Quadrangle	Blacksville S. W. 1-3
County	Marion
District	Paw Paw
Engineer	James D. Jeffries
Eng. Reg. No.	-
Date	Jan. 10, 1939
Scale	1" - 200'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL & GAS DIVISION
 Charleston

WELL LOCATION MAP

File No. Mar-209-A

x. Denotes location of well on U. S. 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.

209A

Pawpaw District, Marion County, W. Va.

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

On 9 1/2 acres; Blacksville S/W 1-3.

Elevation.....

Surface owned by Walter Lough, Fairview, W. Va., and minerals by

Walter Lough et al., R. F. D. No. 4, Fairview, W. Va.

Drilling commenced Oct. 1, 1907; completed, Nov. 21, 1907.

Fresh water at 145'. Salt water at 1255'.

1 1/2" wood conductor, 16' (pulled); 10" casing, 339' (pulled);

5 1/2", 1249'; 6 1/2", 1349'; 5 1/2", 1791'.

Coal was encountered at 210-215 and 300-305'.

Gas well. Abandonment reported to Dept. of Mines July 5, 1938.

Record to RPT from Mrs. Griffith March 6, 1939.

	Top.	Bottom.
Clay, yellow, soft	0	10
lime, white, hard	10	30
Slate, white, soft	30	60
lime, white, hard	60	130
Sand, white, hard (water, 145')	130	145
lime, white, hard	145	175
Sand, white, hard	175	210
Mapleton (Sewickley) Coal, black	210	215
lime, white	215	300
Pittsburgh Coal, black	300	305
lime, white, hard	305	325
Slate, white, soft	325	370
Red rock, soft	370	430
lime, pink, hard	430	465
Red rock, soft	465	525
Slate, black, soft	525	570
lime, white, hard	570	650
Red rock, soft	650	680
lime, white, hard	680	750
Slate, black, soft	750	810
Big Buckard Sand, white, hard	810	870
lime, white, hard	870	950
Slate, white, soft	950	1000
lime, white, soft	1000	1040
Gas Sand, white, soft (gas show, 1060')	1040	1090
Slate, white, soft	1090	1120
lime, white, hard	1120	1195
Slate, black, soft	1195	1225
Salt Sand, (water, 1255')	1225	1340
Slate, white, soft	1340	1385
lime, white, hard	1385	1465
Red rock, soft	1465	1525
Slate, white, soft	1525	1555
Big lime, white, hard	1555	1620
Big Injun Sand, white, hard (gas, 1765')	1620	1800
Slate, black, soft	1800	1825
Squaw Sand, white, hard	1825	1900
Slate, white, soft	1900	1930
lime, white, hard	1930	1995
Stray sand, white, hard	1995	2035
30-Ft. shells, hard	2035	2070

(OVER)

I. J. LOUGH NO. 2206 WELL (Continued).

	Top.	Bottom.
Slate, black, soft	2070	- 2110
Lime, white, hard	2110	- 2160
Sands Sand, white	2160	- 2190
Slate, white, soft	2190	- 2210
Fifty-foot Sand, white, hard	2210	- 2267
Slate, white, soft	2267	- 2283
Stray Sand, white, hard	2283	- 2353
Slate and shells, white, hard	2353	- 2378
Lime, white, hard	2378	- 2453
Slate, pink, soft	2453	- 2515
London Sand, hard	2515	- 2544
Slate and shells	2544	- 2570
Wh Sand, hard	2570	- 2600
Slate, white, soft	2600	- 2625
Lime, white, hard	2625	- 2680
Bayard Sand (see, 2698')	2680	- 2700
Slate, white, soft	2700	- 2740
Lime, white, hard	2740	- 2800
Slate, white, soft	2800	- 2830
Lime, white, hard	2830	- 2905
Total depth		2905

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

311

WELL RECORD

AB 209-A
Permit No.

Oil or Gas Well..... Gas
(Kind)

Company..... **Pittsburgh & West Va Gas Company.**
 Address..... **Clarksburg, West Va.**
 Farm..... **L.J. Lough** Acres **9-3/4**
 Location (waters)..... **Blacksville S/W. 1-3**
 Well No..... **2206** Elev.....
 District..... **Paw Paw** County..... **Marion**
 The surface of tract is owned in fee by..... **Walter Lough**
 Address..... **Fairview, W.Va.**
 Mineral rights are owned by..... **Walter Lough et al.**
R.F.D.#4 Address..... **Fairview, W.Va.**
 Drilling commenced..... **October 1st, 1907**
 Drilling completed..... **November 21st, 1907**
 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..... 145 feet..... feet
 Salt water..... 1255 feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16. wood	16		Kind of Packer.....
13.	339		
10.	1249	1249	Size of.....
8 3/4	1549	1349	Depth set.....
6 5/8	1791	1791	
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 210 FEET 60 INCHES
 300 FEET 60 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	10			
Lime	White	Hard	10	40			
Slate	"	Soft	40	60			
Lime	"	Hard	60	130			
Sand	"	"	130	145	Water	145'	
Lime	"	"	145	175			
Sand	"	"	175	210			
M.T. Coal	Black		210	215			
Lime	White		215	300			
Pgh. Coal	Black		300	305			
Lime	White	Hard	305	325			
Slate	"	Soft	325	370			
Red Rock	Red	"	370	430			
Lime	Pink	Hard	430	485			
Red Rock	Red	Soft	485	525			
Slate	Black	"	525	550			
Lime	White	Hard	550	650			
Red Rock	Red	Soft	650	680			
Lime	White	Hard	680	750			
Slate	Black	Soft	750	810			
Big Dunkard	White	Hard	810	870			
Lime	"	"	870	950			
Slate	"	Soft	950	1000			
Lime	"	"	1000	1040			
Gas Sand	"	"	1040	1090	Gas-show	1060'	
Slate	"	"	1090	1120			
Lime	"	Hard	1120	1195			
Slate	Black	Soft	1195	1225			
Salt Sand			1225	1340	Water	1255'	
Slate	White	Soft	1340	1385			
Lime	"	Hard	1385	1465			
Red Rock	Red	Soft	1465	1525			
Slate	White	"	1525	1555			
Big Lime	"	Hard	1555	1620			
Big Injun	"	"	1620	1800	Gas	1765'	
Slate	Black	Soft	1800	1825			
Squaw Sand	White	Hard	1825	1900			
Slate	"	Soft	1900	1930			
Lime	"	Hard	1930	1995			
Stray Sand	"	"	1995	2035			
30 Ft. Shells		"	2035	2070			

MAR - 6 1939

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Black	Soft	2070	2110			
Lime	White	Hard	2110	2160			
Gantz Sand	"		2160	2190			
Slate	"	Soft	2190	2210			
Fifty Foot	"	Hard	2210	2267			
Slate	"	Soft	2267	2283			
Stray Sand	"	Hard	2283	2353			
Slate&Shells	"	"	2353	2378			
Lime	"	"	2378	2453			
Slate	Pink	Soft	2453	2515			
Gordon Sand		Hard	2515	2544			
Slate&Shells			2544	2570			
4th.Sand		Hard	2570	2600			
Slate	White	Soft	2600	2625			
Lime	"	Hard	2625	2680			
Bayard Sand	"	"	2680	2700	Gas	2698'	
Slate	"	Soft	2700	2740			
Lime	"	Hard	2740	2800			
Slate	"	Soft	2800	2830			
Lime	"	Hard	2830	2905			
Total Depth				2905'			

Date July 5th, 1938., 19.....

APPROVED Pittsburgh & West Va Gas Co., Owner

By *J. E. Bayard*
(Title)

49-30209

The Philadelphia COMPANY of W. Va. 7.50

Record of Well No. 2206 Located on L. J. Lough. Farm July 13 1907
Paw Paw District Marion County W. Va. State
 Division R District No. 11 Drilled under Well Order 847
 Rig built by John Craig Began 19 Completed Sept. 10 1907
 Well drilled by Oct. 1, 1907 Completed Nov. 21 1907
 Depth of Well 2905 feet Size of Hole 5 7/16 Producing Gas
 Elev: 1053

CASED WITH

Handed over Blowing 2-20-27-

REMARKS

AMOUNT	SIZE	KIND	REMARKS
339'	10"	Old	Reclaimed
1249'	8 1/4"	"	"
1349'	6 5/8"	Recl.	522 ft. 105 Ft. ga. Linp. Pipe. 107 ft. 201 ft. - Junk
1791'	5 7/16"	New	1-6 5/8" X 5 7/16 B. H. Packer. Reclaimed
2692'	5 7/16"	Recland	2225 to 45 ft. 1525 to 285 as Junk - 7375 to 1500 as Lin Pipe - 14 3/4 X 5 3/4 must Packer. as Junk -

COAL VEINS Mapletown 210-215 Pgh. 300-305.

FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Big Limestone	810	870				Hole bridged 2724
Big Sand	1040	1090				
Salt	1225	1340				
Big Lime	1560					
Big Injunc	1625	1890		1780		Break in Big Injunc sand 1800-1825
Shale	2160	2190				
Fifth Sand	2210	2266				
Stray Sand	2280	2360				
Fourth Sand	2515	2634				
Third Sand	2570	2600				
Second Sand	2680	2700		2698		
Total Depth		2905				

FIRST PRESSURE TEST IN		CASING	REMARKS
30 Sec.	lbs.		Shot in fifth sand. 30 gals. at 2698. 248-48 hrs. May 1916 1.2 W 1" 42, 240 June 1917 .5 W 2" 105, 792 June 1918 2 W 2" 67, 392 228-48 hrs.
1 Min.	"		
2 "	"		
5 "	"		
10 "	"		
15 "	"		
30 "	"		
Rock Pressure	" in		
Taken		19	
By			

WELL TUBED AND PACKED... *Mar. 31* 19*17*.

VIZ:- 128 gals. 2692 ft. of 2" Ryeland 1400 ft as food line pipe
 1- 5 7/16 X 2" Hook Wall Packer 4092 ft as Tank
 9 gals. 172 ft. of anchor.
 1- 2" R. & L.

FIRST PRESSURE TEST IN		2" TUBING	REMARKS
30 Sec.	6 lbs.	5 7/16 X 2	
1 Min.	8		
2 "	15		
5 "	32		
10 "	52		
20 "	75		
30 "	96		
Rock Pressure	248-15 hrs.	" in 122 in 18 hrs.	
Taken	Mar 31-1917	19	
By			

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

Old rig and rig timbers from Well # 23.61
 3662 ft. of lumber from L. S. Whitman @ 22.50 per m. del.
 1/2 set rig irons old
 1/2 set rig irons new.