

Company Pittsburgh E. & W. Va. Gas Co.
 Address Clarksburg, W. Va.
 Farm M. W. Spencer
 Tract _____ Acres 40 Lease No. 6018
 Well (Farm) No. One Serial No. 2231
 Elevation (Spirit Level) 707' V.A.
 Quadrangle West Union, N/E, 2-3
 County Tyler District M'Elroy
 Engineer Paul W. Cunningham
 Engineer's Registration No. _____
 File No. 79/105 Drawing No. _____
 Date July 15, 1940 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. JYL-310-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.

-AL-

1950

1950

1950

RECEIVED

MOST VENERABLE
MARGARET M. ...

1950
1950
1950

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

337

Permit No. 209-A

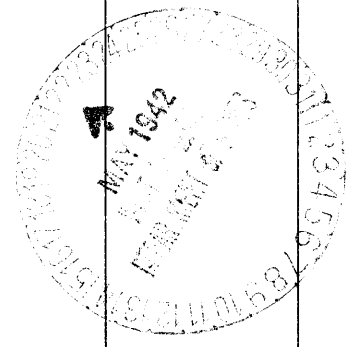
Oil or Gas Well Gas
(Kind)

Company Pittsburgh & West Va Gas Company.
Address Clarksburg, West Va.
Farm W. W. Spencer Acres 40
Location (waters) West Union. E/S. 2-3
Well No. 2231 Elev. 707' VA
District McClroy County Tyler
The surface of tract is owned in fee by W. S. Myers
Address Alma, West Va.,
Mineral rights are owned by Alvy Spencer et al.
Address Alma, West Va.,
Drilling commenced July 15th, 1908.
Drilling completed August 22nd, 1908.
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			Kind of Packer
16.			
13.	16	16	
10.	295	295	Size of
8 1/4.	1054	1054	
6 5/8.	1044	1044	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 370 FEET 24 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Mud	Yellow	Soft	0	15			
Gravel		"	15	25			
Lime	Gray	Hard	25	45	Water	40'	
Slate	Black	Soft	45	51			
Red Rock	Red	"	51	100			
Lime	Gray	Hard	100	140			
Slate	White	Soft	140	150			
Lime	Gray	Hard	150	255	Water	160'	
Sand	White	Soft	255	295	Water	263'	
Slate	Black	"	295	370			
Pgh. Coal	"	"	370	372			
Lime	Gray	Hard	372	390			
Slate	Black	Soft	390	400			
Sand	White	Hard	400	415			
Slate	"	Soft	415	425			
Sand	"	Hard	425	450			
Slate	Black	Soft	450	475			
Lime	Gray	Hard	475	495			
Red Rock	Red	Soft	495	525			
Slate	White	"	525	550			
Red Rock	Red	"	550	560			
Lime	White	Hard	560	590			
Sand	"	"	590	620			
Red Rock	Red	Soft	620	660			
Lime	Gray	Hard	660	680			
Slate	White	Soft	680	700			
Red Rock	Red	"	700	720			
Lime	White	Hard	720	750			
Slate	Black	Soft	750	775			
Red Rock	Red	"	775	800			
Slate	White	"	800	820			
Lime	"	Hard	820	840			
Slate	"	Soft	840	870			
Lime	"	Hard	870	890			
Slate	Black	Soft	890	905			
Red Rock	Red	"	905	915			
Lime	White	Hard	915	925			
Sand	"	"	925	965			
Slate	"	"	965	990			
Sand	"	"	990	1050			
Coal	Black	Soft	1050	1052			
Sand	White	Hard	1052	1112			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal	Black	Open	1112	1115			
Sand	White	Close	1115	1150			
Slate	Black	Soft	1150	1225			
Sand Salt Sand	White	Hard	1225	1335			
Slate		Hard & Soft	1335	1360			
Sand	Gray	Hard	1360	1390			
Slate	Black	Soft	1390	1470			
Red Rock	Red	"	1470	1480			
Lime	White	Hard	1480	1480			
Red Rock	Red	Soft	1490	1570			
Slate	Black	"	1570	1585			
Little Lime	Gray	Hard	1585	1600			
Pencil Cave	Black	Soft	1600	1608			
Big Lime	White	Hard	1608	1690	Oil	1730'	
Big Injun	"	"	1690	1860	Sh. Gas	1780'	
Slate	"	Soft	1860	1875			
Lime	"	Hard	1875	1900			
Slate & Shells		Hard & Soft	1900	2350			
Slate	Black	Soft	2350	2445			
Gordon Sand		Hard	2445	2468	Gas	2461'	
Slate	Black	Soft	2468	2480			
Total Depth				2480'			

March 14th, 1938

Date....., 19.....

APPROVED.....
Pittsburgh & West Va Gas Co
F. E. Wristen. Owner

By.....
(Title)

McElroy District, Tyler County, W. Va.
 By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.
 Abandoned under permit Tyl-309-A.
 On 40 acres; West Union N/E 2-3.
 Elevation, 707' V. A.

135 on MW

Surface owned by W. S. Myers, Alma, W. Va., and minerals by
 Alvy Spencer et al., Alma, W. Va.

Drilling commenced July 15, 1908; completed, August 22, 1908.

13" casing, 16'; 10", 295'; 8 $\frac{1}{2}$ ", 1054'; 6 $\frac{5}{8}$ ", 1844'; all left in.

Coal was encountered at 370-372'.

Gas well. Abandonment reported to Dept. of Mines March 14, 1942.

Record to RCT from Mrs. Griffith August 22, 1942. Old File No. 337.

	Top.	Bottom.
Mud, yellow, soft	0	16
Gravel, soft	16	26
Lime, gray, hard (water, 40')	26	46
Slate, black, soft	46	81
Red rock, soft	81	100
Lime, gray, hard	100	140
Slate, white, soft	140	150
Lime, gray, hard (water, 160')	150	255
Sand, white, soft (water, 265')	255	295
Slate, black, soft	295	370
Pittsburgh Coal, black, soft	370	372
Lime, gray, hard	372	390
Slate, black, soft	390	400
Sand, white, hard	400	415
Slate, white, soft	415	425
Sand, white, hard	425	450
Slate, black, soft	450	475
Lime, gray, hard	475	495
Red rock, soft	495	525
Slate, white, soft	525	550
Red rock, soft	550	560
Lime, white, hard	560	590
Sand, white, hard	590	620
Red rock, soft	620	660
Lime, gray, hard	660	680
Slate, white, soft	680	700
Red rock, soft	700	720
Lime, white, hard	720	750
Slate, black, soft	750	775
Red rock, soft	775	800
Slate, white, soft	800	820
Lime, white, hard	820	840
Slate, white, soft	840	870
Lime, white, hard	870	890
Slate, black, soft	890	905
Red rock, soft	905	915
Lime, white, hard	915	925
Sand, white, hard	925	965
Slate, white, hard	965	990
Sand, white, hard	990	1050
Coal, black, soft	1050	1052
Sand, white, hard	1052	1112

(OVER)

M. W. SPENCER NO. 1 (2231) WELL. (Continued).

	Top.	Bottom.
Coal, black, open	1112	- 1115
Sand, white, close	1115	- 1150
Slate, black, soft	1150	- 1225
Salt Sand, white, hard	1225	- 1335
Slate, hard and soft	1335	- 1360
Sand, gray, hard	1360	- 1390
Slate, black, soft	1390	- 1470
Red rock, soft	1470	- 1480
Lime, white, hard	1480	- 1490
Red rock, soft	1490	- 1570
Slate, black, soft	1570	- 1585
Little Lime, gray, hard	1585	- 1600
Pencil Cave, black, soft	1600	- 1608
Big Lime, white, hard	1608	- 1690
Big Injun Sand, white, hard (oil, 1730') (show gas, 1780')	1690	- 1860
Slate, white, soft	1860	- 1875
Lime, white, hard	1875	- 1900
Slate and shells, hard and soft	1900	- 2350
Slate, black, soft	2350	- 2445
Garden Sand, hard (gas, 2461')	2445	- 2468
Slate, black, soft	2468	- 2480
Total depth		2480

FORM 639-14283

COMPANY *Lease # 6018*

Record of Well No. *2231* Located on *M. W. Spencer* Farm *May 20* 19 *08*
M. E. Gray District *Tyler* County *West Va* State _____
 Division _____ District No. *12* Drilled under well Order *894*
 Rig built by *John Craig* Began _____ 19 _____ Completed *July 2* 19 *08*
 Well drilled by *P. N. McCall* Began *July 15* 19 *08* Completed *Aug 22* 19 *08*
 Depth of Well *2480* feet Size of Hole *6 5/8* Producing *Gas*
lev 707

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
			<i>6-6 (093)</i>
<i>16'</i>	<i>13 1/2"</i>	<i>Wood</i>	
<i>295'</i>	<i>10"</i>	<i>Old</i>	
<i>1054'</i>	<i>8 1/4"</i>	<i>"</i>	
<i>1844'</i>	<i>6 5/8"</i>	<i>"</i>	
<i>2459'</i>	<i>3"</i>	<i>New</i>	<i>City record shows some amount of casing</i>

COAL VEINS *off*

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<i>Dunkard</i>			<i>823</i>	<i>838</i>	<i>Philadelphia Co</i>
<i>Gasland</i>			<i>1055</i>	<i>1084</i>	<i>Turned gas for</i>
<i>Salt "</i>			<i>1115</i>	<i>1260</i>	<i>drilling stoppers</i>
<i>" "</i>			<i>1335</i>	<i>1390</i>	
<i>Big Limestone</i>			<i>1608</i>	<i>1690</i>	
<i>Big Limestone</i>			<i>1690</i>	<i>1875</i>	<i>Oil 1730</i>
<i>Gasland</i>			<i>2445</i>	<i>2468</i>	<i>Gas 2461</i>
<i>Oil Dept (Salt)</i>				<i>2480</i>	

