

New Location
 Drill Deeper
 Abandonment

Company Pittsburgh & W.Va. Gas Co.
 Address Clarksburg W.Va.
 Farm W.P. Hubbard
 Tract _____ Acres 40 Lease No. 3037
 Well (Farm) No. 2 Serial No. 1830
 Elevation (Spirit Level) 1057 VA.
 Quadrangle Littleton SE 2-
 County Wetzel District Center
 Engineer James J. Jeffries
 Engineer's Registration No. 1084
 File No. 164/25 Drawing No. _____
 Date 7-12-49 Scale 1"=500'

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

WELL LOCATION MAP
 FILE NO. Wet-820-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.

Latitude

+
.50s
.78w

Longitude

Topo Location

7.5' Loc. _____ 15' Loc. _____
 (calc.) _____

#93 MTW Co Rept 1909

Company Philadelphia

Farm Wm Hubbard #1830

15' Quad _____
(sec.)

7.5' Quad Big Run

District Center

WELL LOCATION PLAT

County 103 Permit 70383

820A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1277

WELL RECORD

Permit No. 820 A Oil or Gas Well "GAS"
(KIND)

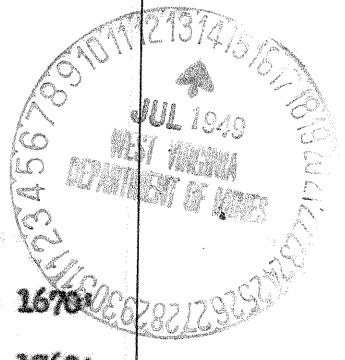
Company Pittsburgh & West Va Gas Company,
Address Clarksburg, West Va.
Farm W. P. Hubbard Acres 40
Location (waters) Littleton S/R, 2-1
Well No. 1230 Eley. 1057' VA
District Center County Netzel
The surface of tract is owned in fee by Model, West Va.
Address Liberty Holding Company
Mineral rights are owned by C/O Lloyd B. Genoss
Address Fairmont, West Va.
Drilling commenced December 27, 1904
Drilling completed February 22, 1905
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18	165'	Pulled,	
10	1250'	325'	Size of
8 1/4	1750'	1750'	
6 5/8	2047'	2047'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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 CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 672 FEET 60 INCHES
770 FEET 144 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line	White	Soft	0	50			
Slate	"	"	50	165			
Line	"	Hard	165	200			
Slate	"	Soft	200	350			
Line	"	Hard	350	672			
M.T. Coal	Black	Soft	672	677			
Line			677	720			
Red Rock	Red	Soft	720	770			
Pgh. Coal			770	782			
Red Rock			782	1000			
Line			1000	1110			
Red Rock	Red	Soft	1110	1170			
Big Dunkard	White	Hard	1170	1245			
Sandy Line	"	"	1245	1300			
Un-recorded			1300	1380			
Gas Sand	White	Soft	1380	1442			
Un-recorded			1442	1500			
1st. Salt Sand	White	Hard	1500	1546			
Un-recorded	"	"	1546	1570			
2nd. Salt Sand	"	"	1570	1625			
Slate	"	Soft	1625	1690	Water	1670'	
3rd. Salt Sand	"	"	1690	1760			
Slate	Black	"	1760	1770	Water	1760'	
Maxon Sand	White	Hard	1770	1800			
Slate	Black	Soft	1800	1820			
Red Rock	Red	"	1820	1850			
Slate	Black	"	1850	1920			
Little Lime		Hard	1920	1935			
Pencil Cave		Soft	1935	1940			
Slate		"	1940	1955			
Big Line	White	Hard	1955	2045			
Big Injun	"	"	2045	2220	Gas	2124'	
Slate		Soft	2220	2300			
Slate&Shells		"	2300	2700			
Red Rock	Pink	"	2700	2725			
Slate	White	"	2725	2807			
Gordon			2807	2858	Gas	2842'	
Slate			2858	2896			
Sand			2896	2901			



103-30820

WISCONSIN

COMPANY

Record of Well No. 1830 Located on W. P. Hubbard Farm Nov. 1904
Clay Center District Wetzel County W. Va. State
 Division D District No. 12 Drilled under Well Order
 Rig built by John Craig Began Nov. 24 1904 Completed Dec. 5 1904
 Well drilled by Cockran & Funk Began Dec. 30 1904 Completed Mar. 22 1905
 Depth of Well 3106. feet Size of Hole 5 7/16. Producing Gas.

Elev: 1057 G

CASED WITH

REMARKS

AMOUNT	SIZE	KIND	REMARKS
165'	10"	Old	Reclaimed
1250'	8 1/4"	"	Reclaimed 925ft. 8 1/4"
1748'	6 7/8"	"	
2047'	5 7/16"	"	

COAL VEINS Mapletown 620 P. g. 750.

FORMATIONS

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
<u>Gas sand</u>	<u>1380</u>	<u>1442</u>				
<u>Salt</u>	<u>1500</u>	<u>1675</u>				
<u>1st. streak</u>	<u>1546</u>					
<u>2nd.</u>	<u>1620</u>					
<u>salt sand</u>	<u>1690</u>					
<u>Big Lime</u>	<u>1955</u>					
<u>Big Limestone</u>	<u>2048</u>	<u>2220</u>				
<u>Red Rock.</u>	<u>2655</u>					
<u>Gordon sand</u>	<u>2807</u>	<u>2858</u>		<u>2842</u>		<u>Little</u>
<u>Fourth "</u>	<u>2896</u>	<u>2901</u>				
<u>Slotted total depth.</u>		<u>3106.</u>				

Void See frank Record

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.....19.....
 VIZ:—

FIRST PRESSURE TEST IN.....TUBING		REMARKS
30 Sec.	lbs.	
1 Min.	"	
2 "	"	
5 "	"	
10 "	"	
15 "	"	
30 "	"	
Rock Pressure	" in	
Taken	19	
By		

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

Rig timbers from Well No. 1768. #
 Lumber from J. M. Brown & Son @ 21.00 Per M.
 Rig irons from Pkby. Rig & Reel Co.
 Casing from South Chester Tub. Wks.