

221A

Lincoln District, Marion County, W. Va.

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

Abandoned under permit Mar-.....-At

On 46 acres; Clarksburg W/S 1-1.

Elevation, 1168' L.

Surface owned by Louie Minville, R. F. B. No. 4, Mannington, W. Va.,
and minerals by Sarah E. Sturms, Atty.-in-fact, James Sturms
Heirs, Mt. Lake Park, Md.

Drilling commenced January 1, 1908; completed, February 26, 1908.

10" casing, 250'; 8" , 970'; 6" , 1790'; all left in.

Coal was encountered at 350-354 and 460-467'.

Gas well. Abandonment reported to Dept. of Mines August 13, 1940.

Record to RCF from Mrs. Griffith November 19, 1940.

	Top.	Bottom.
Clay, white, hard	0	10
Sand, white, hard	10	90
Lime, white, hard	90	220
Slate, white, soft	220	290
Lime, white, hard (water, 310', 2 bailers per hour)	290	350
Lepletown (Sewickley) Coal, black, soft	350	354
Lime, white, hard	354	460
Pittsburgh Coal, black, soft	460	467
Slate and lime, white, soft	467	567
Sand, white, hard	567	640
Red rock, soft	640	670
Slate, black, soft	670	740
Slate and red rock, black, soft	740	880
Little Dunkard Sand, white, hard	880	910
Lime, white, hard	910	1000
Big Dunkard Sand, white, hard	1000	1030
Slate, white, soft	1030	1090
Lime, white, hard	1090	1140
Gas Sand, white, hard	1140	1215
Slate, black, soft	1215	1250
Salt Sand, white, hard (gas, 1260')	1250	1275
Lime, white, hard	1275	1335
Salt Sand, white, hard	1335	1365
Slate, black, soft	1365	1425
Sand, white, hard	1425	1515
Slate, black, soft	1515	1565
Red rock, soft	1565	1645
Red lime, hard	1645	1730
Pencil Cave, black, soft	1730	1743
Big lime, white, hard	1743	1824
Big Injun Sand, white, hard (gas, 1939')	1824	1944
Slate and shells, white, hard	1944	2144
Lime, white, hard	2144	2204
Slate, black, soft	2204	2309
Slate and shells (gas, 2350')	2309	2354
Slate, white, soft	2354	2390'
Fifty-foot Sand, white, hard (gas, 2435')	2390'	2480
Slate and shells, white, soft	2480	2520
Thirty-foot Sand, white, hard	2520	2555
Slate and shells	2555	2620

(OVER)

1660

JAMES STUBBS NO. 2225 WELL (Continued).

	Top.	Bottom.
Stray Sand, white, hard	2620	- 2660
Slate, black, soft	2660	- 2665
Green Sand, white, hard	2665	- 2686
Slate, red, soft	2686	- 2691
4th Sand, white, hard	2691	- 2710
Slate and shells	2710	- 2822
Unrecorded	2822	- 2825
Slate, black, soft (gas, 2825')	2825	- 2832
5th Sand (gas, 2837')	2832	- 2838
Slate, white, soft	2838	- 2853
Large shells	2853	- 2900
Slate	2900	- 2960
Total depth		2960

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. 281-A

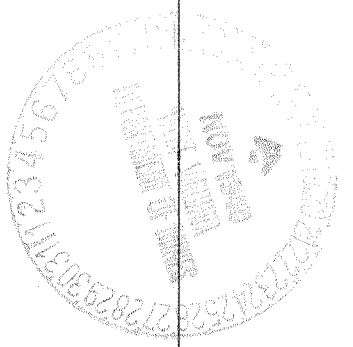
Oil or Gas Well Oil
(KIND)

Company Pittsburgh & West Va. Gas Company
Address Charleston, West Va.
Farm James Stuart Acres 40
Location (waters) W. Va. 1-1
Well No. 281 Elev. 1163'
District Lincoln County Marion
The surface of tract is owned in fee by Louis Linville
R.F.D.#4 Address Nannington, W. Va.
Mineral rights are owned by March E. Stuart
315-10-10-10, W. Va. Address St. Louis Park, Mo.
Drilling commenced Jan 1st, 1938
Drilling completed February 26th, 1938
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			
16			Kind of Packer
13			
10	250'	250'	Size of
8 1/4	270'	270'	
6 3/4	270'	270'	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 290 FEET 40 INCHES
400 FEET 30 INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	White	Soft	0	10			
Sand	"	"	10	30			
Lime	"	"	30	50			
Slate	"	Soft	50	70			
Lime	"	Hard	70	100	Water	120'	2 Gallons Hr.
N. T. Coal	Black	Soft	100	124			
Lime	White	Hard	124	140			
Fgh. Coal	Black	Soft	140	147			
Slatelime	White	"	147	167			
Sand	"	Hard	167	180			
Red Rock	Red	Soft	180	170			
Slate	Black	"	170	710			
Slatelime	"	"	710	880			
Little Puchard	White	Hard	880	910			
Lime	"	"	910	1000			
Big Puchard	"	"	1000	1030			
Slate	"	Soft	1030	1070			
Lime	"	Hard	1070	1140			
Gas Sand	"	"	1140	1215			
Slate	Black	Soft	1215	1250			
Salt Sand	White	Hard	1250	1275	Gas	1280'	
Lime	"	"	1275	1335			
Salt Sand	"	"	1335	1365			
Slate	Black	Soft	1365	1435			
Sand	White	Hard	1435	1515			
Slate	Black	Soft	1515	1545			
Red Rock	Red	"	1545	1645			
Red Lime	Red	Hard	1645	1730			
Pencil Cove	Black	Soft	1730	1760			
Big Lime	White	Hard	1760	1824			
Big Injan Sand	"	"	1824	1944	Gas	1937'	
Slateshells	"	"	1944	2114			
Lime	"	Hard	2114	2221			
Slate	Black	Soft	2221	2307			
Slateshells	"	"	2307	2324	Gas	2330'	
Fifty Foot Sand	White	Soft	2324	2388	Gas	2435'	
Slateshells	"	Soft	2388	2520			
Thirty Foot Sand	"	Hard	2520	2555			
Slateshells	"	"	2555	2620			
Grey Sand	White	Hard	2620	2660			
Slate	Black	Soft	2660	2660			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Green Sand	White	Hard	2665	2686			
Slate	Red	Soft	2686	2691			
Sh. Sand	White	Hard	2691	2710			
Shale/Shell			2710	2825			
Un-saturated			2825	2825			
Slate	Black	Soft	2825	2831	Gas	2825'	
Sh. Sand			2831	2838	Gas	2837'	
Slate	White	Soft	2838	2893			
Thin Shells			2893	2900			
Slate			2900	2920			
Total Dept				2920			

August 13th, 1940

Date....., 194.....

APPROVED..... Owner

By..... (Title)

Record of Well No. 2225 Located on Jas. Sturms Farm Dec 9 1907
Lincoln District Marion County West Va State
 Division OT District No. 11 Drilled under well Order 872
 Rig built by John Craig Began _____ 19____ Completed Dec 21 1907
 Well drilled by Tom Burkart Began Jan 1 1908 Completed Feb 26 1908
 Depth of Well 2960 feet Size of Hole 6 5/8 Producing Gas
Elev. 1168 G.L.

GASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13 1/2"	wood	? <u>Emergency filled</u>
260'	10"	Old	
970'	8 1/2"	"	
1790'	6 3/4"	New	
2066	3"		

COAL VEINS Magnesian ³⁵⁷ 460
³⁵⁴ 467

FORMATIONS

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Little Ombard</u>			880	910	
<u>Big "</u>			1000	1020	
<u>Gas sand</u>			1040	1120	
<u>Silt</u>			1248	1275	<u>Dec 12-35</u>
<u>Big Limestone</u>			1743	1824	
<u>Big Limestone</u>			1824	1944	" <u>1939</u>
<u>Big Root</u>			2390	2480	" <u>2350</u>
<u>Thin Root</u>			2495	2555	" <u>2435</u>
<u>Woodchuck</u>			2620	2660	" <u>2624</u>
<u>Woodchuck</u>			2665	2686	
<u>Gravel</u>			2691	2710	" <u>2502</u>
<u>Gravel</u>			2832	2838	
<u>Total Depth</u>				2960	

Stopped Jan 16 - 71

(064) Farmington

FIRST PRESSURE TEST IN _____ CASING

REMARKS

30 Sec.	lbs.	
1 Min.	"	
2 "	"	
5 "	"	
10 "	"	
15 "	"	
30 "	"	
Rock Pressure	" in	
Taken	19	
By		

*Jan 1, 1918. 2 1/2 water 2". 130-48 lbs
69,392*

WELL TUBED AND PACKED *Feb 31* 1908

VIZ: *2066 ft. of 3" tubing filled*

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: