

New Location
 Drill Deeper
 Abandonment

Company PITTSBURGH & W.V.A. GAS CO.
 Address CLARKSBURG, W.V.A.
 Farm M. J. McLAUGHLIN
 Tract _____ Acres 120 Lease No. 12436
 Well (Farm) No. TWO Serial No. 2020
 Elevation (Spirit Level) 1181' V.A.
 Quadrangle BURNSVILLE N.E. 12
 County LEWIS District COURTHOUSE
 Engineer Kenneth B. Moore
 Engineer's Registration No. 764
 File No. V-158 P.65 Drawing No. _____
 Date JUNE 9, 1948 Scale 1"=500'

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

WELL LOCATION MAP
 FILE NO. LEW-432-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.

M. J. McLAUGHLIN No 2 (2020) - PGH. & W.V.A. GAS CO. - LEW-432-A

432A

Court House District, Lewis County, W. Va.
 By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.
 Abandoned under permit Law-432-A.
 On 120 acres; Burnsville 7/2 L-4.
 Elevation, 1181' F. A.
 Surface and minerals owned by Michael J. McLaughlin, W. P. No. 1,
 Roanoke, W. Va.
 Drilling commenced July 9, 1910; completed Aug. 27, 1910.
 10" casing, 188'; 8" casing, 984' (pulled); 6" casing, 1977'.
 Coal was encountered at 517-520'.
 Gas well. Abandonment reported to Dept. of Mines May 17, 1948.
 Record to 807 from Mrs. Griffith Sept. 23, 1948. Old File No. 503.

	Top.	Bottom.
Soil	0	14
Slate, red, soft	14	80
Sand, white, close	80	98
Slate, white, soft	98	130
Slate, red, soft	130	150
Slate, white	150	180
Sand, yellow, open	180	192
Slate, blue, soft	192	215
Lime, blue, hard	215	235
Slate, blue, soft	235	315
Lime, white, hard	315	330
Slate, blue, soft	330	350
Slate, red, soft	350	400
Lime, blue, hard	400	415
Slate, red, soft	415	460
Lime, blue, hard	460	475
Lime, red, hard	475	485
Lime, white, hard	485	517
Coal, black, soft	517	520
Slate, white, soft	520	545
Sand, gray, hard	545	555
Slate, gray, soft	555	560
Lime, gray, hard	560	590
Red rock, soft	590	595
Slate, white	595	600
Lime, blue, hard	600	630
Slate, red, soft	630	650
Lime, gray, hard	650	670
Slate, gray, soft	670	675
Lime, blue, hard	675	695
Slate, black, soft	695	700
Lime, white, hard	700	720
Little Buckard Sand, white, hard	720	770
Shale, black, soft	770	800
Lime, blue, hard	800	870
Big Buckard Sand, white, hard	870	880
Slate, white, soft	880	880
Lime, gray, hard	880	895
Shale, gray, close	895	920
Lime, gray, hard	920	945
1st Salt Sand, white, hard	945	1075
Slate, dark, soft	1075	1082
2nd Salt Sand, gray, hard	1082	1100

(OVER)

	Top.	Bottom.
Sand, red, gray?, hard	1100	- 1205
Slate, dark, soft	1205	- 1217
3rd Salt Sand, dark, hard	1217	- 1247
Slate, dark, close	1247	- 1292
Sand, gray, hard (show gas, 1413')	1292	- 1415
Slate, dark, soft	1415	- 1466
4th Salt Sand, white, hard (show gas, 1470')	1466	- 1500
Slate, dark, soft	1500	- 1515
5th Salt Sand, white, hard	1515	- 1570
Lime shells, dark, hard	1570	- 1600
Sand, white, hard (show gas, 1634')	1600	- 1638
Slate, white, soft	1638	- 1689
Slate, red, hard	1689	- 1740
Lime, blue, hard	1740	- 1760
Maxton Sand, white, hard	1760	- 1775
Lime, white, hard	1775	- 1815
Slate, red, close	1815	- 1860
Little Lime, white, hard	1860	- 1890
Slate, black, soft	1890	- 1910
Big Lime, gray, hard	1910	- 1970
Big Injun Sand, gray, hard	1970	- 2140
Slate and shells, dark, close	2140	- 2348
Gents Sand, gray, close	2348	- 2370
Slate, gray, close	2370	- 2440
3-ft. Sand, gray, hard	2440	- 2450
Slate, gray, soft	2450	- 2507
Gordon Stray Sand, gray, hard (gas, 2520')	2507	- 2525
Slate, dark, soft	2525	- 2535
Gordon Sand, gray, hard	2535	- 2570
Slate, dark, soft	2570	- 2650
4th Sand, gray, hard	2650	- 2660
Slate, white, hard	2660	- 2730
5th Sand, dark, hard (gas, 2733')	2730	- 2743
Slate, dark, soft	2743	- 2850
Total depth		2850



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

583

WELL RECORD

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

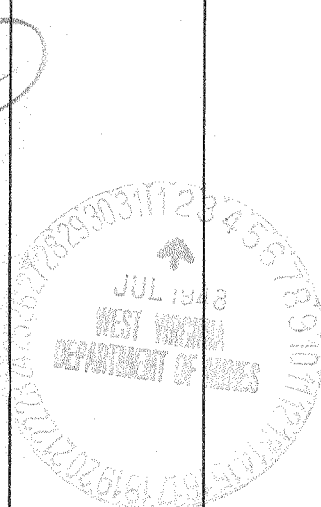
Permit No. 132-A
Company Pittsburgh & West Va Gas Company.
Address Clarksburg, West Va.
Farm M. J. McLaughlin Acres 120
Location (waters) Burns, W/E. 1-4
Well No. 2020 Elev. 1181' VA
District Court House County Lewis
The surface of tract is owned in fee by Michael J. McLaughlin
R.D.#1 Address Roanoke, W.Va.
Mineral rights are owned by Michael J. McLaughlin
Address Roanoke, W.Va.
Drilling commenced July 9, 1910
Drilling completed August 27, 1910
Date Shot _____ From _____ To _____
With _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>188'</u>	<u>188'</u>	Size of
8 1/4	<u>984'</u>	<u>None.</u>	
6 5/8	<u>1977'</u>	<u>1977'</u>	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 517 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			0	14			
Slate	Red	Soft	14	80			
Sand	White	Close	80	98			
Slate	"	Soft	98	130			
"	Red	"	130	150			
"	White	"	150	180			
Sand	Yellow	Open	180	192			
Slate	Blue	Soft	192	215			
Lime	"	Hard	215	235			
Slate	"	Soft	235	315			
Lime	"	Hard	315	330			
Slate	Blue	Soft	330	350			
"	Red	"	350	400			
Lime	Blue	Hard	400	415			
Slate	Red	Soft	415	460			
Lime	Blue	Hard	460	475			
"	Red	"	475	485			
Lime	White	Hard	485	517			
Coal	Black	Soft	517	520			
Slate	White	"	520	545			
Sand	Gray	Hard	545	555			
Slate	"	Soft	555	560			
Lime	"	Hard	560	590			
Red Rock	Red	Soft	590	595			
Slate	White	"	595	600			
Lime	Blue	Hard	600	630			
Slate	Red	Soft	630	650			
Lime	Gray	Hard	650	670			
Slate	"	Soft	670	675			
Lime	Blue	Hard	675	695			
Slate	Black	Soft	695	700			
Lime	White	Hard	700	720			
Little Dunkard	"	Hard	720	770			
Shale	Black	Soft	770	800			
Lime	Blue	Hard	800	830			
Big Dunkard	White	Hard	830	860			
Slate	"	Soft	860	880			
Lime	Gray	Hard	880	895			
Shale	"	Close	895	920			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line	Gray	Hard	920	945			
1st. Salt Sand	White	"	945	1075			
Slate	Dark	Soft	1075	1082			
2nd. Salt Sand	Gray	Hard	1082	1100			
Red Sand	Gray	"	1100	1205			
Slate	Dark	Soft	1205	1217			
3rd. Salt Sand	"	Hard	1217	1247			
Slate	"	Close	1247	1292			
Sand	Gray	Hard	1292	1415	Sh. Gas	1410'	
Slate	Dark	Soft	1415	1466			
4th. Salt Sand	White	Hard	1466	1500	Sh. Gas	1470'	
Slate	Dark	Soft	1500	1515			
5th. Salt Sand	White	Hard	1515	1570			
Line Shells	Dark	Hard	1570	1600			
Sand	White	"	1600	1638	Sh. Gas	1634'	
Slate	"	Soft	1638	1689			
"	Red	Hard	1689	1740			
Line	Blue	"	1740	1760			
Maxon Sand	White	Hard	1760	1775			
Line	"	"	1775	1815			
Slate	Red	Close	1815	1860			
Little Line	White	Hard	1860	1890			
Slate	Black	Soft	1890	1910			
Big Line	Gray	Hard	1910	1970			
Big Injun	"	"	1970	2140			
Slates Shells	Dark	Close	2140	2348			
Ganta Sand	Gray	"	2348	2370			
Slate	"	"	2370	2440			
30 Ft. Sand	"	Hard	2440	2450			
Slate	"	Soft	2450	2507			
Gordon Stray	"	Hard	2507	2525	Gas	2520'	
Slate	Dark	Soft	2525	2535			
Gordon Sand	Gray	Hard	2535	2570			
Slate	Dark	Soft	2570	2650			
4th. Sand	Gray	Hard	2650	2660			
Slate	White	"	2660	2730			
5th. Sand	Dark	Hard	2730	2743	Gas	2733'	
Slate	"	Soft	2743	2850			
Total Depth				2850			

May 17, 1948

Date _____, 19____

PITTSBURGH & WEST VA GAS COMPANY.

APPROVED _____

Owner

By _____

(Title)

The Philadelphia Company of West Virginia

K61 2

Record of Well No. 2020 Located on Michael McLaughlin Farm Apr 5th 19
 Court house District Lewis County W. Va., State
 Division F District No. 13 Drilled under Well Order
 Rig built by John Craig Began June 27th, 1910 Completed July 8th 19
 Well drilled by R.T. Goe Began July 11th, 19 10 Completed Aug 27th, 19
 Depth of Well 2850 feet. Size of Hole 6 3/8" Producing Gas
 Elev: 11816

CASED WITH

REMARKS

AMOUNT	SIZE	KIND
16'	1 1/2"	Wood
188'	10"	New
984'	8 1/2"	"
1977'	6 3/8"	"
2846'	5"	"

Pulled 188' all out
 Pulled 603' 1-6 3/8" X 8 1/2" B.H. Packer left on 1314'
 Pulled 2546' all out

COAL VEINS P. Pittsburg Coal 530 - 536

Coal 517-520 520-523

FORMATIONS

NAME TOP BOTTOM OIL GAS WATER REMARKS

Gordon Shay 2517 2525 2520
 Gordon Sample 2535 2570
 2540 2570

Plugged 8-17-10 to 8-20-10

- Agassiz 2650-2615
- Cement 2615-2560
- Agassiz 2560-2500
- Cement 2500-1990
- Agassiz 1490-1375
- Cement 1375-1365
- Agassiz 1365-930
- Cement 930-920
- Agassiz 920-550
- Cement 550-497
- Agassiz 497-210
- Cement 210-200
- Agassiz 200-5
- Cement 5 - Surface

Michael McLaughlin
Free gas Sept 10, 1910

FIRST PRESSURE TEST IN 5 1/2" CASING

REMARKS

30 Sec. -- lbs.
 1 Min. -- "
 2 " -- "
 5 " 10 "
 10 " 55 "
 15 " 85 "
 30 " 160 "

Well shot with 80 qts.
 increased gas flow to 10% in
 first minute.

Rock Pressure 300 " in 1 Hour
 Taken Aug 25th, 1910

*cap 2 4 hrs. 6 hrs.
 3/3 500 lbs.*

By

WELL TUBED AND PACKED

Sept 6 1910

*2 8x6 7/8 3' Spring (New) placed
 7.50 3' (1910) by anchor
 1-6 1/2 x 3 Spring Anchor packer*

well packed

FIRST PRESSURE TEST IN 3" TUBING

REMARKS

30 Sec. 10 lbs.
 1 Min. 25 "
 2 " 40 "
 5 " 70 "
 10 " 110 "
 15 " 140 "
 30 " 310 "

Rock Pressure 740 " in MAY 31 1913
 Taken Sept 6 1910

By

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

- | | |
|-------------------------------------|-------------------------------|
| Old Rig Timber & Lumber & Rig Irons | " Well No. 1937 - H. McLuglin |
| 5500 Ft. Lumber @ 19.00 | " P.L. Landin |
| Wood Work Nails & Conductor | " Parkersburg Rig Reel Co., |
| Casing New | " South Western Tube Co., |