

LATITUDE 39° 42' 30"

80° 07' 30"

LONGITUDE

7.5'

7.5 OGIS topo location

7.5' loc	<u>0.80S</u>	15' loc	<u>3.68S</u>
	<u>1.14W</u>	(calc.)	<u>3.36W</u>

5162 on Equitrans

Company _____

Farm _____

Quad Blacksville

County Monongahela

District Clay

NC

WELL LOCATION MAP

File No. 061-18A

Marie
Price



Clay District, Monongalia County, W. Va.
 By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.
 On 80.11 acres, surface and mineral rights owned by D. Richard
 Wright, Morgantown, W. Va.
 Well completed April 7, 1916.
 Elevation, 1142' L.
 1 1/2" conductor, 14'; 10" casing, 695'; 8 1/2", 1370'; 6-5/8", 1564';
 5-3/16", 1902'.
 Anchor packer, 8 1/2 x 6-5/8, set at (no record).
 Coal was encountered at 350-353, 598-601, 648-653, 678-683, and
 1080-1082'.
 Located 12-5-1915; began drilling, 1-26-1916; completed, 4-7-1916;
 began drilling deeper, 9-23-1930; completed, 10-14-1930.
 Completion (deepening) reported to Dept. of Mines Nov. 1, 1930.
 Well was not shot.
 Fresh water at 100 and 140'; salt water at 1535 and 2052'.
 5-3/16" hole. Gas well.

	Top.	Bottom.	Thickness.
Clay (5 bailers water at 100')	0	100	100
Shale	100	135	35
Line (8 bailers water at 140')	135	210	75
Black slate	210	250	40
Sand, gray	250	265	15
Slate	265	280	15
Bluff Sand, gray	280	335	55
Slate, black	335	350	15
Coal, Fairview (Waynesburg)	350	353	3
Slate	353	375	22
Line	375	415	40
Slate	415	425	10
Line	425	550	125
Sand, gray	550	598	48
Coal, Mapletown (Sewickley)	598	601	3
Line	601	648	47
Coal, black, Graham (Redstone)	648	653	5
Line	653	678	25
Coal, Pittsburgh	678	683	5
Line (gas, 695')	683	713	30
Slate	713	720	7
Line	720	795	75
Sand	795	835	40
Line	835	875	40
Slate, black	875	880	5
Sand	880	915	35
Slate, black	915	950	35
Red rock	950	980	30
Slate	980	1000	20
Red rock	1000	1015	15
Sand	1015	1025	10
Slate	1025	1030	5
Little Dunkard Sand	1030	1060	30
Slate, dark	1060	1080	20
Coal, black	1080	1082	2
Line, dark	1082	1105	23
Slate, dark	1105	1125	20
Sand	1125	1150	25
Slate, dark	1150	1155	5

(OVER)

JANE B. LOUGH NO. 5162 WELL. (Continued).

	Top.	Bottom.	Thickness.
Lime, pink	1155	- 1170	15
Sand, Big Dunkard	1170	- 1345	175
Gas Sand (gas, 1358-1363')	1345	- 1405	50
Lime	1405	- 1458	53
Slate, dark	1458	- 1462	4
1st Salt Sand (water, 1535')	1462	- 1680	218
Slate	1680	- 1700	20
Lime	1700	- 1730	30
Red rock	1730	- 1760	30
Lime	1760	- 1790	30
Red rock, dark	1790	- 1800	10
Lime	1800	- 1815	15
Red rock	1815	- 1820	5
Slate-Shell	1820	- 1838	18
Little Lime, hard	1838	- 1854	16
Pencil slate	1854	- 1857	3
Lime	1857	- 1870	13
Slate	1870	- 1872	2
Big Lime	1872	- 1920	48
Big Injun Sand, yellow, hard (gas, 1851', 1963', and 2043-2045'; oil, 2052'; water, 2052')	1920	- 2141	221
Slate, dark, soft	2141	- 2205	64
Squaw Sand, white, hard	2205	- 2255	50
Slate-Shell, white, soft and hard	2255	- 2280	25
Slate, white, soft	2280	- 2350	70
Limestone, white, hard	2350	- 2365	15
Slate, white, soft	2365	- 2410	45
Lime, white, broken	2410	- 2430	20
Slate-Shell, white, soft and hard	2430	- 2549	119
50-Ft. Sand, white, hard	2549	- 2578	29
Slate, dark, soft	2578	- 2589	11
30-Ft. Sand, white, hard	2589	- 2642	53
Slate, black, soft	2642	- 2675	33
Red rock, soft	2675	- 2685	10
Sand, white, hard	2685	- 2700	15
Slate, white, soft	2700	- 2715	15
Limestone, white, hard	2715	- 2736	21
Red rock, soft	2736	- 2742	6
Limestone, white, hard	2742	- 2751	9
Red rock, soft	2751	- 2794	43
Gordon Stray Sand, white, hard	2794	- 2820	26
Slate, white, soft	2820	- 2855	35
Lime-Shell, white, soft	2855	- 2865	10
4th Sand, white, soft	2865	- 2897	32
Slate-Shell, white, soft	2897	- 2925	38
Sand, white, hard	2925	- 2934	9
Slate, white, soft	2934	- 2938	4
Sand, white, hard	2938	- 2950	12
Slate, white, soft	2950	- 2960	10
Slate-Shell, white, soft	2960	- 2978	18
Slate, white, soft	2978	- 3066	88
5th Sand, white, soft and open (gas, 3084'; 8/10 water in 1")	3066	- 3090	24
Slate, white, soft	3090	- 3099	9
Bayard Sand, white, soft	3099	- 3102	4
Total depth			3110

Clay District, Monongalia County, W. Va.
 On 80.11 acres; surface owned by D. Richard Wright, Morgantown, W. Va., and mineral rights by same.
 Located 12-8-15. Began Drg. 1-26-16. Completed 4-7-16.
 Began Drg. deeper 9-23-30. Completed 10-14-30.
 Elevation, 1142' L.
 1 1/2" wood conductor, 14'; 10" casing, 695'; 8", 1370';
 6-5/8", 1564'; 5-3/16", 1902'. Anchor packer 8 1/2 x 6-5/8".
 Reported to Dept. of Mines Nov. 1, 1930.

	Top.	Bottom.
Clay (water, 100'; 5 bailers)	0	100
Shale	100	135
Lime (water, 140'; 8 bailers)	135	210
Black slate	210	250
Sand, gray	250	265
Slate	265	280
Bluff Sand, gray	280	335
Slate, black	335	350
Fairview Coal	350	353
Slate	353	375
Lime	375	415
Slate	415	425
Lime	425	550
Sand, gray	550	598
Mapletown Coal	598	601
Lime	601	648
Coal, black (Graham)	648	653
Lime	653	678
Coal, Pittsburgh	678	683
Lime (gas, 695')	683	713
Slate	713	720
Lime	720	795
Sand	795	835
Lime	835	875
Slate, black	875	880
Sand	880	915
Slate, black	915	950
Red rock	950	980
Slate	980	1000
Red rock	1000	1015
Sand	1015	1025
Slate	1025	1030
Little Dunkard Sand	1030	1060
Slate, dark	1060	1080
Coal, black	1080	1082
Lime, dark	1082	1105
Slate, dark	1105	1125
Sand	1125	1150
Slate, dark	1150	1155
Lime, pink	1155	1170
Big Dunkard Sand	1170	1345
Gas Sand (gas, 1358', 1363')	1345	1405
Lime	1405	1458
Slate, dark	1458	1462
1st Salt Sand (water, 1535')	1462	1680
Slate	1680	1700

(OVER)

JANF B. LOUGH NO. 5162 WELL (Continued).

	Top.	Bottom.
Lime	1700	- 1730
Red rock	1730	- 1760
Lime	1760	- 1790
Red rock, dark	1790	- 1800
Lime	1800	- 1815
Red rock	1815	- 1820
Slate-shell	1820	- 1838
Little Lime, hard	1838	- 1854
Pencil slate	1854	- 1857
Lime	1857	- 1870
Slate	1870	- 1872
Big Lime	1872	- 1920
Big Injun Sand (gas, 1851½', 1963½', 2043', 2045'; oil, 2052'; water, 2052'), yellow, hard	1920	- 2141
Slate, dark, soft	2141	- 2205
Squaw Sand, white, hard	2205	- 2255
Slate-shell, white, soft-hard	2255	- 2280
Slate, white, soft	2280	- 2350
Limestone, white, hard	2350	- 2365
Slate, white, soft	2365	- 2410
Lime, white, broken	2410	- 2430
Slate-shell, white, soft-hard	2430	- 2549
50-Ft. Sand, white, hard	2549	- 2578
Slate, dark, soft	2578	- 2589
30-Ft. Sand, white, hard	2589	- 2642
Slate, black, soft	2642	- 2675
Red rock, red, soft	2675	- 2685
Sand, white, hard	2685	- 2700
Slate, white, soft	2700	- 2715
Limestone, white, hard	2715	- 2736
Red rock, red, soft	2736	- 2742
Limestone, white, hard	2742	- 2751
Red rock, red, soft	2751	- 2794
Gordon Stray Sand, white, hard	2794	- 2820
Slate, white, soft	2820	- 2855
Lime-shell, white, soft	2855	- 2865
4th Sand, white, soft	2865	- 2897
Slate-shell, white, soft	2897	- 2925
Sand, white, hard	2925	- 2934
Slate, white, soft	2934	- 2938
Sand, white, hard	2938	- 2950
Slate, white, soft	2950	- 2960
Slate-shell, white, soft	2960	- 2978
Slate, white, soft	2978	- 3066
5th Sand, white, soft and open (gas, 508¼', 8/10" in 1")	3066	- 3090
Slate, white, soft	3090	- 3099
Bayard Sand, white, soft	3099	- 3103
Total depth		3110

Matthews 61

Record of Well No. 27 516 2 Located on Jane B. Lough Farm Dec. 8, 1915
Clay District Monongalia County W. Va State
 Division D District No. 11 Drilled under Well Order 25
 Rig built by John Craig Began Dec 20, 1915 Completed Jan. 3rd 1916
 Well drilled by Hub Snider Began Jan 26 1916 Completed Apr. 7, 1916
 Depth of Well 1964 1/2 feet Size of Hole 5 3/8" Producing Gas
 Elev. 1142.6 3410

CASED WITH

REMARKS

AMOUNT SIZE KIND

14' 16" Wood. Carnegie Gas Co. furnished gas to drill well.
 695' 10" new 35 ft.
 1370' 8 1/2" " 67"
 1564' 6 3/8" " 53" 1 shoe. - 1-8 1/2 x 6 3/8" Spring Anchor Tackles.
 1902' 5 3/8" " 45" " " " "

COAL VEINS Fairview coal. 350-353. Mapletown 594-601. Pgh. 678-683.

FORMATIONS

NAME TOP BOTTOM OIL GAS WATER REMARKS

					100	5 barrels per hr.
					140	8 " " " " total
Mapletown sand	550	595				
Little Dunkard	1030	1060		695		10 w. 2"
Big Dunkard	1170	1245				
Gas sand	1355	1405		1257	1535	3.8 w. 2" of gas. (633528)
1st salt	1462	1680			1540	
Little Lime	1838	1854				
Big "	1872	1920		1951 1/2	1953 1/2	1367 Mcf
1st Injun	1920					2.6 w. 5 1/2" 4/6/16. 10 w. 5 1/2" 4/7/16.
Tatle	1944 1/2					
Mapletown		2147	2052	2043	2045	Commenced Drilling Deffen
Fifty feet	2549	2578				Sep 22-1930
Thirty "	2589	2642				Shields & Phillips, Contractor
Gordon Street	2794	2820				Completed Oct 14-1930
Fourth Sand	2865	2897				
Fifth "	3066	3090		3084		8 1/2" 1"
Byard "	3099	3103			3100	5 Barrels Per Hour
Total	3410					

ABD. NOV. 1930

30 Sec.	18 lbs.
1 Min.	34 "
2 "	66 "
5 "	143 "
10 "	234 "
15 "	284 "
30 "	354 "
40 "	404 "
Rock Pressure	545 " in 20 hrs.
Taken	Apr. 7, 1916
By	W. J. Carey

REMARKS

WELL TUBED AND PACKED..... 19.....

VIZ:--

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

REMARKS

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

WEST VIRGINIA DEPARTMENT OF MINES
Oil and Gas Section
PRELIMINARY DATA SHEET NO. 1

File No. _____ Well No. 6148

FITZBIBB & WEST VA GAS CO. Company, of GLAUCKSBURG,

WEST VIRGINIA on the Jane S. Lough Farm

containing 90.11 acres, Location

Clay District, in Monongalia County, West Virginia.

The surface of the above tract is owned in fee by J. Richard Wright

of Morgantown, West Va. address, and the mineral rights are owned by

Same of Same

The oil and gas privileges are held under lease by the above named company, and this well is drilled under

permit No. _____ issued by the West Virginia Department of Mines, Oil and Gas Section.

(Well Completed 6-7-1930)

Elevation of surface at top of well, 1148'

The number of feet of the different-sized casings used in the well

16 feet 1 1/2" dia. Wood casing

600 feet 2 1/2" dia. cas. 1070 feet 3-1/4" steel cas.

1364 feet 3-3/8" dia. cas. 1000 feet 3-3/8" steel cas.

Anchor part of 3-1/4" & 3-3/8" dia. cas. at No Record.

part of dia. cas. at

in casing perforated at feet to feet

in casing perforated at feet to feet

Cad was encountered at 200-220 feet, thickness 20 inches, and at 600-620

feet, thickness 20 inches, and at 640-660 feet, thickness 60 inches

and at 670-690 ft., thickness 20 inches, and at 1000-1020 ft., thickness

Located 12-2-1916
 Drilled Aug. 1-20-1916
 Completed 6-7-1930
 Drilled Aug. 1-20-1930.
 Completed 10-14-1930.

Approved _____

FITCHESON & WEST VA GAS CO. Company

CLARKSBURG, WEST VA. Address

Well No. 5168, Jane B. Lough farm.

Clay Dist., Monongalia Co., W. Va.

COMPLETION DATA SHEET
NO. 2
FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
LIME				1700	1720	20	1720	
Red Rock				1720	1760	40	1760	
Lime				1760	1790	30	1790	
Red Rock	Dark			1790	1800	10	1800	
Lime				1800	1815	15	1815	
Red Rock				1815	1820	5	1820	
Slate-Shell				1820	1828	8	1828	
Little Lime		Hard		1828	1834	6	1834	
Pencil Slate				1834	1837	3	1837	
Lime				1837	1880	43	1870	
Slate				1870	1872	2	1872	
Big Lime				1872	1920	48	1920	
Big Injun	Yellow	Hard	Gas 180g	1920	2141	221	2141	
Slate	Dark	Soft	" 1963g	2141	2206	65	2206	
Spang Sand	White	Hard	" 2042	2206	2206	0	2206	
Slate-Shell	"	Soft-Hard	" 204b	2206	2220	14	2220	
Slate	"	Soft	Oil 2028	2220	2220	0	2220	
Lime Stone	"	Hard	Water 2028	2220	2226	6	2226	
Slate	"	Soft		2226	2410	184	2410	
Lime	"	broken		2410	2420	10	2420	
Slate-Shell	"	Soft-Hard		2420	2542	122	2542	
Fifty feet	"	hard		2542	2571	29	2571	
Slate	Dark	soft		2571	2599	28	2599	
Thirty feet	White	hard		2599	2642	43	2642	
Slate	Black	soft		2642	2672	30	2672	
red rock	red	"		2672	2688	16	2688	
Sand	white	hard		2688	2700	12	2700	
Slate	"	soft		2700	2715	15	2715	
Lime Stone	"	Hard		2715	2726	11	2726	
Red Rock	Red	Soft		2726	2742	16	2742	
Lime Stone	White	Hard		2742	2761	19	2761	
Red Rock	Red	Soft		2761	2794	33	2794	
Green Gray	White	Hard		2794	2820	26	2820	
Slate	"	Soft		2820	2826	6	2826	
Lime-Shell	"	"		2826	2826	0	2826	
oth. Sand	"	"		2826	2827	1	2827	
Slate-Shell	"	"		2827	2828	1	2828	
Sand	"	Hard		2828	2834	6	2834	
Slate	"	Soft		2834	2838	4	2838	
Sand	"	Hard		2838	2840	2	2840	
Slate	"	Soft		2840	2840	0	2840	
Slate-Shell	"	"		2840	2870	30	2870	
Slate	"	"		2870	2882	12	2882	
oth. Sand	"	Soft & Open Gas 2004		2882	2882	0	2882	"B Water 1"
Slate	"	soft		2882	2882	0	2882	
Spang Sand	"	"		2882	2102	220	2102	
				TOTAL	2102	210	2110	

Well was set at _____ feet, well was shut at _____ feet.

First water at 100 - 140 feet, Second water at 1000 - 2000 feet.

Well was set at _____ feet.

FITCHESON & WEST VA GAS CO.

December 1st, 1920.

Approved _____

By _____

FITZGERALD & WEST VA GAS CO. Company

WEAVERSBURG, WEST VA. Address

Well No. 6128, Jane S. Lough farm.

Clay Dist., Monongalia Co., W.Va.

COMPLETION DATA SHEET

NO. 2

FORMATION RECORD

Name	Color	Character	Oil Gas or Water	Top	Bottom	Thickness	Test Depth	Remarks
Clay			Water 100	0	100	100	100	(6-Wellers)
Shale				100	120	20	120	
Lime			Water 140	120	250	130	250	(6-Wellers)
Sh. Slate				250	300	50	300	
Coal				300	350	50	350	
Shale	Gray			350	380	30	380	
Shalt Sand	Gray			380	400	20	400	
Slate	Black			400	450	50	450	Fairview
Coal				450	470	20	470	
Slate				470	480	10	480	
Lime				480	500	20	500	
Slate				500	550	50	550	
Lime	Gray			550	600	50	600	Hopton
Sand				600	650	50	650	
Coal				650	670	20	670	Graham
Lime				670	680	10	680	
Coal	Black			680	690	10	690	Pittsburgh
Lime				690	710	20	710	
Slate			Gas 600	710	720	10	720	
Lime				720	730	10	730	
Sand				730	750	20	750	
Lime				750	770	20	770	
Slate	Black			770	800	30	800	
Coal				800	810	10	810	
Sand	Black			810	820	10	820	
Coal				820	830	10	830	
Sand				830	850	20	850	
Slate				850	860	10	860	
Sand				860	870	10	870	
Slate				870	880	10	880	
Sand				880	890	10	890	
Slate				890	900	10	900	
Sand				900	910	10	910	
Slate				910	920	10	920	
Sand				920	930	10	930	
Slate				930	940	10	940	
Sand				940	950	10	950	
Slate				950	960	10	960	
Sand				960	970	10	970	
Slate				970	980	10	980	
Sand				980	990	10	990	
Slate				990	1000	10	1000	
Sand				1000	1010	10	1010	
Slate				1010	1020	10	1020	
Sand				1020	1030	10	1030	
Slate				1030	1040	10	1040	
Sand				1040	1050	10	1050	
Slate				1050	1060	10	1060	
Sand				1060	1070	10	1070	
Slate				1070	1080	10	1080	
Sand				1080	1090	10	1090	
Slate				1090	1100	10	1100	
Sand				1100	1110	10	1110	
Slate				1110	1120	10	1120	
Sand				1120	1130	10	1130	
Slate				1130	1140	10	1140	
Sand				1140	1150	10	1150	
Slate				1150	1160	10	1160	
Sand				1160	1170	10	1170	
Slate				1170	1180	10	1180	(Big Sand)
Sand				1180	1190	10	1190	
Slate				1190	1200	10	1200	
Sand				1200	1210	10	1210	
Slate				1210	1220	10	1220	
Sand				1220	1230	10	1230	
Slate				1230	1240	10	1240	
Sand				1240	1250	10	1250	
Slate				1250	1260	10	1260	
Sand				1260	1270	10	1270	
Slate				1270	1280	10	1280	
Sand				1280	1290	10	1290	
Slate				1290	1300	10	1300	
Sand				1300	1310	10	1310	
Slate				1310	1320	10	1320	
Sand				1320	1330	10	1330	
Slate				1330	1340	10	1340	
Sand				1340	1350	10	1350	
Slate				1350	1360	10	1360	
Sand				1360	1370	10	1370	
Slate				1370	1380	10	1380	
Sand				1380	1390	10	1390	
Slate				1390	1400	10	1400	
Sand				1400	1410	10	1410	
Slate				1410	1420	10	1420	
Sand				1420	1430	10	1430	
Slate				1430	1440	10	1440	
Sand				1440	1450	10	1450	
Slate				1450	1460	10	1460	
Sand				1460	1470	10	1470	
Slate				1470	1480	10	1480	
Sand				1480	1490	10	1490	
Slate				1490	1500	10	1500	

**AFFIDAVIT IN TRIPLICATE TO TIME AND MANNER OF
PLUGGING AND FILLING WELL.**

(REVISED BY SECTION 8, CHAPTER 66, CODE 1928)

**WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS SECTION**

<u>Mr Henry A. Phillips,</u> <small>COAL OPERATOR</small>	<u>Pittsburgh & West Virginia Gas Co.</u> <small>OWNER OF WELL OPERATED</small>
<u>Post Office Box No. 1139</u> <u>Pittsburgh, Pa.</u>	<u>Clarksburg, West Va.</u> <small>COMPLETE ADDRESS</small>
<u>Mr D. Richard Wright</u> <small>COAL OPERATOR</small>	<u>Yanber Flat, W. Va.</u> <small>WELL AND LOCATION</small>
<u>Morgantown, West Va.</u> <small>ADDRESS</small>	<u>Clay</u> <u>State</u>
<small>COAL OPERATOR</small>	<u>Monongalia</u> <u>County</u>
<small>ADDRESS</small>	<u>W. Va. 266</u>
<small>ADDRESS</small>	<u>June 2, 1928</u> <u>Penn</u>

APPEARS TO BE TRUE AS SUBSCRIBER, AND THAT HE IS AGRREE TO BE BOUND BY THE PROVISIONS OF CHAPTER 66, CODE 1928, AND THAT HE IS AGRREE TO BE BOUND BY THE TERMS HEREIN AND THAT HE IS AGRREE TO BE BOUND BY THE TERMS HEREIN AND THAT HE IS AGRREE TO BE BOUND BY THE TERMS HEREIN.

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Monongalia) ss:

H. A. Phillips and Earl L. Adams
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Pgh. & West Va. Gas Co., well owner, and participated in the work of plugging and filling the above well, that said work was commenced on the 22 day of September, 1928, and that the well was plugged and filled in the following manner:

Manner in which mud was plugged: Total Depth 3110 feet.
Clay 3110 to 2900, stone 2900 to 2800, Sand Plug 2800 to 2804, Cement 2804 to 2800, hole bridged at 2180, stone 2180 to 2172, Clay 2172, to 1988, stone 1988 to 1918, Lead wool 1918 to 1915, hole bridged at 1780, stone 1780 to 1710, Clay 1710 to 1488, stone 1488 to 1478, cement 1478 to 1468, clay 1468 to 1288, cement 1288 to 1288.

Manner in which sand was plugged: Run 726 feet 2" vent pipe with bridge on bottom of pipe, Clay 726 to 715, Cement 715 to 576, Clay 576 to 588, Cement 588 to 588, Filled from 588 feet to surface with clay.

2" vent pipe 15 feet above the surface, pipe mached together at top with holes perforated at top of pipe.

Description of cement: Cement and Iron Pipe Part. Cast Iron Flange,
Pgh. & West Va Gas Co.
No. 5165

THAT ABOVE REPRESENTATIVE SWEAR TO BE TRUE, AND IS AGRREE TO BE BOUND BY THE PROVISIONS OF CHAPTER 66, CODE 1928, AND THAT HE IS AGRREE TO BE BOUND BY THE TERMS HEREIN AND THAT HE IS AGRREE TO BE BOUND BY THE TERMS HEREIN.

H. A.

And further deposes and say:

H. A. Phillips
Earl L. Adams
Subscribed and sworn to on the 23 day of September, 1928
H. A. Phillips
Earl L. Adams