



1352  
 Sardis District, Harrison County, W. Va. *Har-198-A*  
 By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.  
 On 44.17 acres, surface and mineral rights owned by F. T. Pigott  
 - Heirs et al., Mirtie Pigott, R. F. D. No. 1, Box 66,  
 - Lumberport, W. Va.

Well completed Dec. 3, 1912.

Elevation, 1306' B.

13" conductor, 12½"; 10" casing, 212'; 8½", 1185'; 6-5/8",  
 - 1600'; 3" tubing, 2057'.

6-5/8 x 3 Hook Wall packer, set at 2007'.

Coal was encountered at 150-154, 295-301, and 690-698'.

Well located 8-6-1912; began drg. 10-9-1912; completed, 12-3-1912.

Well was shot at 2055' In Big Injun Sand.

Salt water at 1550' and 1572'.

6-5/8" hole.

	Top.	Bottom.	Thickness.
Dirt, Yellow, soft	0	12	12
Lime, white, hard	12	52	40
Slate, white, soft	52	64	12
Lime, white, hard	64	121	57
Slate, dark, soft	121	136	15
Lime, dark, hard	136	146	10
Slate, dark, soft	146	150	4
Coal, dark, soft	150	154	4
Lime, white, hard	154	211	57
Slate, white, soft	211	219	8
Lime, white, hard	219	283	64
Slate, dark, soft	283	295	12
Coal, dark, soft	295	301	6
Lime, dark, hard	301	335	34
Slate, dark, soft	335	359	24
Lime, white, hard	359	435	76
Slate, white, soft	435	441	6
Lime, white, hard	441	525	84
Slate, white, soft	525	543	18
Lime, white, hard	543	633	90
Slate, dark, soft	633	648	15
Lime, dark, hard	648	690	42
Pittsburgh Coal, dark, soft	690	698	8
Slate, dark, soft	698	712	14
Lime, white, hard	712	742	30
Slate, dark, soft	742	790	48
Lime, dark, hard	790	850	60
Red rock, soft	850	920	70
Lime, dark, hard	920	928	8
Red rock, soft	928	1055	127
Sand, white, hard	1055	1085	30
Red rock, soft	1085	1155	70
Slate, white, soft	1155	1170	15
Sand, white, hard	1170	1190	20
Slate, dark, soft	1190	1220	30
Lime, dark, hard	1220	1260	40
Sand, white, hard	1260	1285	25
Slate, white, soft	1285	1300	15
Lime, white, hard	1300	1330	30
Slate, dark, soft	1330	1342	12
Lime, dark, hard	1342	1400	58

	Top.	Bottom.	Thickness.
Slate, dark, soft	1400	- 1416	16
Lime, dark, hard	1416	- 1506	90
Slate, dark, soft	1506	- 1514	8
Lime, dark, hard	1514	- 1530	16
Sand, white, hard (water, 1550'; hole full water at 1572')	1530	- 1586	56
Slate, dark, soft	1586	- 1600	14
Sand, white, hard	1600	- 1670	70
Slate, dark, soft	1670	- 1682	12
Lime, dark, hard	1682	- 1720	38
Sand, white, hard	1720	- 1756	36
Lime, dark, hard	1756	- 1762	6
Sand, white, hard	1762	- 1855	93
Lime, white, hard	1855	- 1875	20
Slate, white, soft and hard	1875	- 1952	77
Lime, white, hard	1952	- 1958	6
Slate, dark, soft	1958	- 1976	18
Little Lime, white, hard	1976	- 1988	12
Slate, dark, soft	1988	- 1990	2
Big Lime, white, hard	1990	- 2024	34
Big Injun Sand, white, hard (gas, 2032'; gas, 2048')	2024	- 2140	116
Slate and shells, dark, hard and soft	2140	- 2625	485
50-Ft. Sand, white, hard	2625	- 2645	20
Slate, white, soft	2645	- 2680	35
30-Ft. Sand, white, hard	2680	- 2685	5
Slate, dark, soft	2685	- 2687	2
Lime, white, hard	2687	- 2702	15
Red rock, soft	2702	- 2712	10
Lime, red, hard	2712	- 2752	40
Slate and shell, dark, hard and soft	2752	- 2823	71
Gordon Sand, white, hard	2823	- 2834	11
Slate, dark, soft	2834	- 2839	5
4th Sand, white, hard	2839	- 2861	22
Slate and shell, dark, hard and soft	2861	- 3155	294
Total depth		3155	

Record of Well No. 4101 Located on P.P. Pigott et al Farm Aug 6 19 12  
Sardis District Harrison County West Va State  
 Division A District No. 11 Drilled under well Order 579  
 Rig built by John Craig Began Sept. 27 19 12 Completed Oct 3 19 12  
 Well drilled by W. M. Gumbart Began Oct 9 19 12 Completed Dec 3 19 12  
 Depth of Well 3155 feet Size of Hole 6 5/8 Producing Gas

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
<u>16'</u>	<u>13"</u>	<u>Wood</u>	
<u>212'</u>	<u>10"</u>	<u>New</u>	
<u>1185'</u>	<u>8 1/2"</u>	<u>New</u>	
<u>1600</u>	<u>6 3/4"</u>	<u>New</u>	

Elev. 1306 G.L.

COAL VEINS 690  
698

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Big Limestone</u>			<u>1990</u>	<u>2024</u>	<u>Water 1050</u>
<u>Big Limestone</u>			<u>2024</u>	<u>2140</u>	<u>Gas - 2132-2066</u>
<u>Thinly bedded</u>					
<u>Thinly bedded</u>			<u>2625</u>	<u>2635</u>	
<u>Spindly thin</u>			<u>2712</u>	<u>2752</u>	
<u>Hard</u>			<u>2823</u>	<u>2834</u>	
<u>Fourth sand</u>			<u>2837</u>	<u>2861</u>	

(104) Brown Lumberport

FIRST PRESSURE TEST IN 6 5/8 CASING

REMARKS

30 Sec.	8	lbs.	7	Dec 5-7 1912 Well shot with 30 qts. in Big Injurer Bot. Shell 2025
1 Min.	15	"	15	
2 "	20	"	30	
5 "	38	"	40	
10 "	67	"	45	
15 "	82	"	60	
30 "	125	"	90	
Rock Pressure		" in		
Taken	Dec 3		19 12	Cap 1 141, 150 Cu. ft.
By	Harbert			

WELL TUBED AND PACKED Dec 7 1912

VIZ:-- Used 2027 ft. 3" Tubing  
1-6 5/8 x 3" Hook Wall Packer  
3 ft. 55 ft. below Packer

FIRST PRESSURE TEST IN 3" TUBING

REMARKS

30 Sec.	25	lbs.		
1 Min.	40	"		
2 "	55	"		
5 "	87	"		
10 "	105	"		
15 "	120	"		
30 "	142	"		
Rock Pressure	295	" in	24 lbs.	
Taken	Dec 8		19 12	
By	Loy			

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

Blank lined area for recording material sources.

**FORMATIONS**  
FORM: 032-5170

Well # 4101 *R. D. Chappell*

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Clay		12				
Shale	12	52				
Shale	52	64				
Shale	64	121				
Shale	121	36				
Shale	136	146				
Shale	146	150				
Coal	150	154				
Shale	154	211				
Shale	211	219				
Shale	219	283				
Shale	283	295				
Coal	295	301				
Shale	301	335				
Shale	335	359				
Shale	359	435				
Shale	435	441				
Shale	441	525				
Shale	525	543				
Shale	543	633				
Shale	633	648				
Shale	648	690				
Exp. Coal	690	698				
Shale	698	712				
Shale	712	743				
Shale	743	790				
Shale	790	820				
Exp. Rock	820	920				
Shale	920	928				
Red Rock	928	1050				
Sand	1050	1085				
Red Rock	1085	1153				
Shale	1153	1170				
Sand	1170	1190				
Shale	1190	1220				
Shale	1220	1260				
Sand	1260	1285				
Shale	1285	1300				
Shale	1300	1330				
Shale	1330	1343				
Shale	1343	1400				
Shale	1400	1416				
Shale	1416	1506				
Shale	1506	1514				
Shale	1514	1530			1530	
Sand	1530	1586				
Shale	1586	1600				
Sand	1600	1670				
Shale	1670	1682				
Shale	1682	1720				
Sand	1720	1736				
Shale	1736	1760				
Sand	1760	1853				
Shale	1853	1875				
Water Shells	1875	1922				
Shale	1922	1958				
Shale	1958	1976				
Little Limestone	1976	1988				
Shale	1988	1990				
Big Limestone	1990	2024		2032		
Big Limestone	2024	2140		2046		
Water Shells	2140	2625				Steel line measurement
Lighter Sand	2625	2645				
Shale	2645	2680				

