

Clay District, Ritchie County, W. Va.

Pittsburgh &amp; W. Va. Gas Co.

13Z-A

On 400 acres, surface owned by John R. Marsh and Mrs. Benj.

Thomas, Admrx. of Benj. Thomas Estate (marsh at Mole Hill and Mrs. Thomas at Pennsboro, W. Va.) and mineral rights by B. H. Hickman Heirs, care James Hickman, Atty. in fact, Pennsboro, W. Va.

Well completed, June 18, 1918.

Elevation, 1002' L.

13" conductor, 16'; 10" casing, 305'; 8 $\frac{1}{4}$ ", 1004'; 6-5/8", 1418';  
5-3/16", 1811'.

Abandonment reported to Dept. of Mines, June 6, 1934.

Well was not shot.

Fresh water at 935'; salt water at 1405'.

	Top.	Bottom.
Clay, red, soft	0	10
Slate-Shell, light and red, soft and hard	10	100
Coal, black, soft	100	105
Slate, white, soft	105	115
Sand, white, hard	115	160
Lime, white, hard	160	185
Slate, red, soft	185	215
Sand, white, hard	215	245
Slate, white, soft	245	255
Sand, white, hard	255	315
Slate and shells, white, soft and hard	315	325
Coal, black, soft	325	327
Slate and shells, light, soft and hard	327	540
Lime, light, hard	540	550
Pittsburgh Coal, black, soft	550	555
Lime, white, hard	555	590
Slate, white, soft	590	610
Sand, white, hard	610	635
Slate and shell, white, soft and hard	635	775
Slate, red, soft	775	820
Little Dunkard Sand, white, hard	820	870
Slate, dark, soft	870	890
Slate, red, soft	890	925
Sand, white, hard (water, 935')	925	945
Slate and shell, dark and red, soft and hard	945	1000
Big Dunkard Sand, white, hard	1000	1010
Slate and shell, light, soft and hard	1010	1050
Gas Sand, light, hard	1050	1075
Lime, light, hard	1075	1200
Slate and shell, light and dark, soft and hard	1200	1230
First Salt Sand, light, hard	1230	1260
Slate, light, soft	1260	1280
Second Salt Sand, light, hard (water, 1405')	1280	1450
Slate, light, soft	1450	1575
Sand, light, hard (gas, 1665-68')	1575	1670
Slate, dark, soft	1670	1715
Marion Sand, light, hard (gas, 1740-8')	1715	1757
Slate, dark, soft	1757	1760
Little Lime	1760	1770
Slate (Pencil Cave), dark, soft	1770	1790

(OVER)

B. H. HICKMAN NO. 4549 WELL (Continued).

	Top.	Bottom.
Big Lime, white, hard	1790	- 1868
Big Injun Sand, white, hard	1868	- 1958
Slate, dark, soft	1958	- 1965
Squaw Sand, white, hard	1965	- 1978
Slate, dark, soft, to bottom	1978	- 2010

132A

Clay District, Ritchie County, W. Va.  
 By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.  
 On 400 acres (Map Ref. West Union S.W. 4-1); surface owned by  
 John R. Marsh and Mrs. Benj. Thomas, Administratrix of Benj.  
 Thomas Estate, John R. Marsh, Mole Hill, W. Va., and Mrs.  
 Benj. Thomas, Pennsboro, W. Va.; and mineral rights by B. H.  
 Hickman Heirs, James Hickman, atty.-in-fact, Pennsboro, W. Va.  
 Well was completed June 18, 1918.  
 Elevation, 1002' L.  
 1 1/2" conductor, 16'; 10" casing, 305'; 8 1/2", 3004'; 6-5/8", 1418';  
 5-3/16", 1811'.  
 Coal was encountered at 100-105, 325-327, and 550-555'.  
 Abandonment reported to Dept. of Mines June 6, 1934.  
 Located March 6, 1918; began drg. May 5, 1918; completed drg.  
 June 8, 1918.  
 Well was not shot.  
 Fresh water at 935'; salt water at 1405'.  
 Gas well; 5-3/16" hole.

	Top.	Bottom.	Thickness.
Clay, red, soft	0	10	10
Slate-shell, light and red, soft and hard	10	100	90
Coal, black, soft	100	105	5
Slate, white, soft	105	115	10
Sand, white, hard	115	160	45
Lime, white, hard	160	185	25
Slate, red, soft	185	215	30
Sand, white, hard	215	245	30
Slate, white, soft	245	255	10
Sand, white, hard	255	315	60
Slate and shells, white, soft and hard	315	325	10
Coal, black, soft	325	327	2
Slate and shells, light, soft and hard	327	540	213
Lime, light, hard	540	550	10
Pittsburgh Coal, black, soft	550	555	5
Lime, white, hard	555	590	35
Slate, white, soft	590	610	20
Sand, white, hard	610	635	25
Slate and shell, white, soft and hard	635	775	140
Slate, red, soft	775	820	45
Little Dunkard Sand, white, hard	820	870	50
Slate, dark, soft	870	890	20
Slate, red, soft	890	925	35
Sand, white, hard (water, 935')	925	945	20
Slate and shell, dark and red, soft and hard	945	1000	55
Big Dunkard Sand, white, hard	1000	1010	10
Slate and shell, light, soft and hard	1010	1050	40
Gas Sand, light, hard	1050	1075	25
Lime, light, hard	1075	1200	125
Slate and shell, light and dark, soft and hard	1200	1230	30
1st Salt Sand, light, hard	1230	1260	30
Slate, light, soft	1260	1280	20
2nd Salt Sand, light, hard (water, 1405')	1280	1450	170
Slate, light, soft	1450	1575	125

(OVER)

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Second Salt Sand, light, hard (water, 1405')	1280	1450
Slate, light, soft	1450	1575
Sand, light, hard (gas, 1665-68')	1575	1670
Slate, dark, soft	1670	1715
Maxton Sand, light, hard (gas, 1740-8')	1715	1757
Slate, dark, soft	1757	1760
Little Lime	1760	1770
Slate (Pencil Cave), dark, soft	1770	1790

(OVER)

B. E. HICKMAN NO. 4949 WELL (Continued).

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Big Lime, white, hard	1790	- 1868
Big Injun Sand, white, hard	1868	- 1958
Slate, dark, soft	1958	- 1965
Squaw Sand, white, hard	1965	- 1978
Slate, dark, soft, to bottom	1978	- 2010