

Rit 31-A

Union District, Ritchie County, W. Va.

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

On 135.5 acres, surface and mineral rights owned by Jas. S. Law
et al., R. F. D. No. 3, Jane Lew, W. Va.

Well completed Sept. 8, 1930.

Elevation, 1034' L.

13" conductor, 16'; 10" casing, 365'; 8 1/2", 995'; 5-3/16", 1898'.

Bottom hole packer, 6-5/8 x 5-3/16, set at 1898'.

No coal was encountered.

Completion reported to Dept. of Mines Sept. 18, 1930. Dry hole.

Well located 6-23-1930; began drg. 8-6-1930; well comp. 9-8-1930.

Well was shot in Big Injun Sand at 2000'.

Fresh water at 140'. 5-3/16" hole.

	Top.	Bottom.	Thickness.
Clay, yellow, soft	0	- 8	8
Lime, white, soft	8	- 40	32
Slate, dark, soft	40	- 80	40
Red rock, soft	80	- 125	45
Gritty lime, white, hard (water, 140')	125	- 180	55
Red rock, soft	180	- 210	30
Slate, white, soft	210	- 270	60
Red rock, soft	270	- 365	95
Lime, light, hard	365	- 395	30
Red rock, soft	395	- 545	150
Lime, white, hard	545	- 650	105
Red rock, soft	650	- 755	105
Lime, white, hard	755	- 815	60
Red rock, soft	815	- 830	15
Lime, light, hard	830	- 925	95
Red rock, soft	925	- 960	35
Lime, white, hard	960	- 980	20
Big Dunkard Sand, white, hard	980	- 1025	45
Slate, dark, soft	1025	- 1070	45
Gritty lime, white, hard	1070	- 1090	20
Lime, white, hard	1090	- 1165	75
Lime-Shell, dark, soft	1165	- 1205	40
Gas Sand, white, hard	1205	- 1265	60
Lime-Shell, dark, hard	1265	- 1308	43
1st Salt Sand, white, soft	1308	- 1320	12
Lime-Shell, dark, soft	1320	- 1410	90
2nd Salt Sand, white, hard	1410	- 1480	70
Slate-Shell, dark, soft	1480	- 1660	180
3rd Salt Sand, light, hard	1660	- 1700	40
Slate-Shell, dark, soft	1700	- 1802	102
Maxton Sand, dark, hard	1802	- 1815	13
Slate, dark, soft	1815	- 1848	33
Little Lime, dark, hard	1848	- 1865	17
Slate, dark, soft	1865	- 1887	22
Big Lime, light, hard	1887	- 1962	75
Big Injun Sand, light, hard (gas 1995; gas, 2000')	1962	- 2026	64
Slate, light, soft, to bottom	2026	- 2049	23

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	Top.	Bottom.	Thickness.
Clay, yellow, soft	0	8	8
Lime, white, soft	8	40	32
Slate, dark, soft	40	80	40
Red rock, soft	80	125	45
Gritty lime, white, hard (water, 140')	125	180	55
Red rock, soft	180	210	30
Slate, white, soft	210	270	60
Red rock, soft	270	365	95
Lime, light, hard	365	395	30
Red rock, soft	395	545	150
Lime, white, hard	545	650	105
Red rock, soft	650	755	105
Lime, white, hard	755	815	60
Red rock, soft	815	830	15
Lime, light, hard	830	925	95
Red rock, soft	925	960	35
Lime, white, hard	960	980	20
Big Dunkard Sand, white, hard	980	1025	45
Slate, dark, soft	1025	1070	45
Gritty lime, white, hard	1070	1090	20
Lime, white, hard	1090	1165	75
Lime-Shell, dark, soft	1165	1205	40
Gas Sand, white, hard	1205	1265	60
Lime-Shell, dark, hard	1265	1308	43
1st Salt Sand, white, soft	1308	1320	12
Lime-Shell, dark, soft	1320	1410	90
2nd Salt Sand, white, hard	1410	1480	70
Slate-Shell, dark, soft	1480	1660	180
3rd Salt Sand, light, hard	1660	1700	40
Slate-Shell, dark, soft	1700	1802	102
Maxton Sand, dark, hard	1802	1815	13
Slate, dark, soft	1815	1848	33
Little Lime, dark, hard	1848	1865	17
Slate, dark, soft	1865	1887	22
Big Lime, light, hard	1887	1962	75
Big Injun Sand, light, hard (gas 1995; gas, 2000')	1962	2026	64
Slate, light, soft, to bottom	2026	2049	23