

Clay District, Ritchie County, W. Va.

Pittsburgh & W. Va. Gas Co.

80-A

On 107 acres, surface and mineral rights owned by C. W. Leggett.

Star Route, Pennsboro, W. Va.

Well completed, Dec. 23, 1919.

Elevation, 1108' L.

13" conductor, 16'; 10" casing, 184'; 8 1/2", 1086'; 5-3/16", 1963'.

Bottom hole packer, 6-5/8x5-3/16, set at 1963'.

4 3/4" of 4" tubing used as liner from 2045 to 2002', tubing set on

fill at 2045 feet. (Remarks) Hole filled from total depth

of 2104 feet to 2045 feet with clay, present depth, 2045 feet.

Abandonment reported to Dept. of Mines, Jan. 20, 1932.

Fresh water at 410'; Coal at 488-490 and 710-712'.

	Top.	Bottom.
Red rock, soft	0	90
Slate, light, soft	90	120
Sand, light, soft	120	170
Slate, light, soft	170	245
Red rock, soft	245	310
Lime, light, hard	310	338
Red rock, soft	338	365
Sand, light, hard and soft	365	380
Slate, light, soft	380	387
Stray sand, light, soft (water, 410')	387	460
Slate, light, soft (Coal, 488-490')	460	510
Lime, light, hard	510	532
Slate, light, soft	532	605
Stray sand, light, medium	605	645
Slate, light, soft	645	685
Lime, light, hard	685	710
Pittsburgh Coal, dark, soft	710	712
Slate, dark, soft	712	725
Lime, light, hard	725	752
Slate, light, soft	752	780
Lime, light, medium	780	823
Slate, light, soft	823	845
Stray sand, light, hard and soft	845	858
Slate, light, soft	858	875
Red rock, soft	875	895
Stray sand, light, hard	895	950
Red rock, soft	950	1030
Stray sand, light, medium	1030	1050
Slate, white, medium	1050	1105
Sand, white, hard (Little Dunkard)	1105	1120
Slate, dark, soft	1120	1130
Red rock, soft	1130	1140
Slate, white, soft	1140	1180
Stray sand, white, hard	1180	1195
Big Dunkard Sand, light, hard	1195	1215
Slate, light, soft	1215	1226
Gas Sand, light, hard and soft	1226	1246
Lime, light, hard	1246	1300
Slate and shells, light, hard and soft	1300	1350
First Salt Sand, light, hard	1350	1418

(OVER)

C. W. LEGGETT NO. 47241 WELL. (Continued).

	Top.	Bottom.
Slate, light, soft	1418	- 1446
Second Salt Sand, light, hard and soft	1446	- 1615
Slate, light, soft	1615	- 1644
Lime, light, hard	1644	- 1660
Slate, dark, soft	1660	- 1702
Third Salt Sand, dark, hard	1702	- 1778
Slate, dark, soft	1778	- 1808
Stray sand, light, hard	1808	- 1855
Slate, dark, soft	1855	- 1860
Maxton Sand, dark, hard	1860	- 1889
Slate, dark, soft	1889	- 1894
Lime, light, hard	1894	- 1907
Slate, dark, soft	1907	- 1910
Little Lime, light, hard	1910	- 1933
Pencil Cove, light, soft	1933	- 1939
Big Lime, light, hard (SLM, 1963')	1939	- 2014
Big Injun Sand, light, hard and soft (gas, 2015' and 2025')	2014	- 2083
Slate, dark, soft, to bottom	2083	- 2104

Clay District, Ritchie County, W. Va.
 By Pittsburgh & W. Va. Gas Co., Clarksburg, W. Va.
 On 107 acres (Map Loc. Holbrook N.W. 1-4); surface and mineral rights
 owned by C. W. Leggett, Star Route, Pennsboro, W. Va.
 Well was completed Dec. 23, 1919.
 Elevation, 1108' L.
 13" conductor, 16'; 10" casing, 384'; 8 1/2", 1086'; 5-3/16", 1963'.
 Bottom hole packer, 6-5/8 x 5-3/16, set at 1963'.
 Coal was encountered at 488-490 and 710-712'.
 4 1/2" of 4" tubing used as liner from 2045 to 2002'; tubing set on
 fill at 2045'.
 (Remarks) Hole filled from total depth of 2104' to 2045' with clay -
 present depth, 2045'.
 Abandonment reported to Dept. of Mines Jan. 20, 1932.
 Well located 10-20-1919; began drg. 11-19-1919; comp. drg. 12-23-1919.
 Well was not shot.
 Fresh water at 410'.
 Gas well. 5-3/16" hole.

	Top.	Bottom.	Thickness.
Red rock, soft	0	90	90
Slate, light, soft	90	120	30
Sand, light, soft	120	170	50
Slate, light, soft	170	245	75
Red rock, soft	245	310	65
Lime, light, hard	310	338	28
Red rock, soft	338	365	27
Sand, light, hard and soft	365	380	15
Slate, light, soft	380	387	7
Stray sand, light, soft (water, 410')	387	460	73
Slate, light, soft	460	488	28
Coal	488	490	2
Slate, light, soft	490	510	20
Lime, light, hard	510	532	22
Slate, light, soft	532	605	73
Stray sand, light, medium	605	645	40
Slate, light, soft	645	685	40
Lime, light, hard	685	710	25
Pittsburgh Coal, dark, soft	710	712	2
Slate, dark, soft	712	725	13
Lime, light, hard	725	752	27
Slate, light, soft	752	780	28
Lime, light, medium	780	823	43
Slate, light, soft	823	845	22
Stray sand, light, hard and soft	845	858	13
Slate, light, soft	858	875	17
Red rock, soft	875	895	20
Stray sand, light, hard	895	950	55
Red rock, soft	950	1030	80
Stray sand, light, medium	1030	1050	20
Slate, white, medium	1050	1105	55
Sand, white, hard, Little Dunkard	1105	1120	15
Slate, dark, soft	1120	1130	10
Red rock, soft	1130	1140	10
Slate, white, soft	1140	1180	40
Stray sand, white, hard	1180	1195	15

(OVER)

	Top.	Bottom.	Thickness.
Big Dunkard Sand, light, hard	1195	- 1215	20
Slate, light, soft	1215	- 1226	11
Gas Sand, light, hard and soft	1226	- 1246	20
Lime, light, hard	1246	- 1300	54
Slate and shells, light, hard and soft	1300	- 1350	50
1st Salt Sand, light, hard	1350	- 1418	68
Slate, light, soft	1418	- 1446	28
2nd Salt Sand, light, hard and soft	1446	- 1615	169
Slate, light, soft	1615	- 1644	29
Lime, light, hard	1644	- 1660	16
Slate, dark, soft	1660	- 1702	42
3rd Salt Sand, dark, hard	1702	- 1778	76
Slate, dark, soft	1778	- 1808	30
Stray sand, light, hard	1808	- 1855	47
Slate, dark, soft	1855	- 1860	5
Maxton Sand, dark, hard	1860	- 1889	29
Slate, dark, soft	1889	- 1894	5
Lime, light, hard	1894	- 1907	13
Slate, dark, soft	1907	- 1910	3
Little Lime, light, hard	1910	- 1933	23
Pencil Cave, light, soft	1933	- 1939	6
Big Lime, light, hard (SLM, 1963')	1939	- 2014	75
Big Injun Sand, light, hard and soft (gas, 2015' and 2028')	2014	- 2083	69
Slate, dark, soft, to bottom	2083	- 2104	21