

Floyd Kabe et al No. 2 (6035) Well

Curry District, Putnam County, W. Va.

By United Fuel Gas Company, Charleston, W. Va.

Located 3.7 mi. N. of 81°55' and 3.9 mi. S. of <sup>38°25'</sup> Saint Albans Quadrangle.  
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Elevation, 970' B.

Permit, Put-134.

Drilling commenced July 28, 1941; completed, Aug. 17, 1941.

Shot, Aug. 21, 1941; depth, 1798'.

*Dry hole.*  
10" casing, 21'; 8 1/4" 454'; 6-5/8" 1736'; 3" tubing, 1881'.

Samples from 80 to 1865' examined by C. Apscuri.

According to the geologic map of Putnam County this well starts in the basal portion of the Monongahela.

Top	Bottom	Thickness	
			<u>Pennsylvanian, 1659 feet</u>
0	21	21	Surface
21	80	59	Mud, red
80	85	5	Sandstone, white, fine, micaceous
85	92	7	Shale, red and yellow, soft
92	98	6	Shale, red, silty, 45%; white very fine sandstone, 30%; green sandy siltstone, 25%
98	120	22	Sandstone, green, fine
120	135	15	Shale, red, soft
135	165	30	Sandstone, white, fine- to medium-grained
165	185	20	Sandstone, green, fine, micaceous
185	214	29	No samples
214	219	5	Shale, red and light-gray
219	242	23	Siltstone, green, sandy
242	268	26	Shale, red
268	344	76	Siltstone, green; 20% fine white sandstone, 294-344'
344	359	15	Siltstone, green, shaly, 40%; red shale, 40%; nearly white, calcareous shale, 20%
359	364	5	Sandstone, white, medium-grained
364	372	8	Siltstone, green, shaly
372	384	12	Siltstone, green, shaly, 70%; yellow shale, 30%
384	394	10	Sandstone, white, fine
394	428	34	Sandstone, white, coarse

Top	Bottom	Thickness	
428	438	10	Sandstone, white, medium-grained, micaceous
438	476	38	Sandstone, white, fine, silty, 80%; light green siltstone, 20%
476	480	4	Sandstone, white, fine, silty
480	484	4	Siltstone, light-gray
484	494	10	Siltstone, green, shaly, 60%; light-brown shale and coal, 40%
494	505	11	Siltstone, very light-gray, micaceous
505	512	7	Sandstone, white, fine, micaceous
512	524	12	Shale, brown, soft, carbonaceous, 50%; light-green shale, 50%
524	545	21	Shale, light-green
545	555	10	Shale, light-green, with siderite spherulites, 50%; Light-brown shale, 40%; black shale and coal, 10%
555	594	39	Siltstone, greenish-gray, shaly
595	606	12	Shale, gray, 90%; light-gray siltstone, 10%
606	616	10	Shale, dark-gray, carbonaceous, 50%; light-gray siltstone with siderite spherulites, 50%
616	626	10	Sandstone, white, fine
626	653	27	Sandstone, white, medium- to coarse-grained
653	664	11	Sandstone, white, very coarse
664	676	12	Siltstone, gray
676	746	70	Sandstone, white, fine- to medium-grained
746	761	15	Shale, gray, silty, 50%; white sandy siltstone, 50%
761	862	101	Sandstone, white, coarse, containing a little coal
862	874	12	Shale, gray
874	884	10	Shale, white, 50%; gray siltstone, 40%; brown shale, 10%
884	914	30	Sandstone, white, silty
914	934	20	Siltstone, gray, with siderite spherulites
934	981	47	Sandstone, white, very fine, silty
981	995	14	Siltstone, dark-gray
995	1015	20	Sandstone, white, fine
1015	1035	20	Shale, light-brown, 97%; coal, 3%
1035	1068	33	Shale, gray
1068	1076	8	Siltstone, gray
1076	1089	13	Sandstone, white, fine

Top	Bottom	Thickness	
1089	1099	10	Shale, dark-gray, with a little coal, 50%; white fine sandstone, 50%
1099	1120	21	Sandstone, white, fine
1120	1152	32	Shale, gray
1152	1162	10	Siltstone, white, 80%; shale, gray, 20%
1162	1172	10	Shale, gray
1172	1202	30	Sandstone, white, very fine
1202	1250	48	Sandstone, white, fine- to medium-grained
1250	1345	95	Sandstone, white, medium- to coarse-grained (water at 1310')
1345	1355	10	Siltstone, gray, shaly
1355	1367	12	Sandstone, white, medium-grained
1367	1503	136	Sandstone, white, medium- to coarse-grained; many of the grains have crystal faces
1503	1554	51	Sandstone, white, fine to very fine (driller's record gives slate, 1550-1553')
1554	1659	105	Sandstone, white, medium- to coarse-grained; some very coarse grains near bottom
<u>Mauch Chunk Group, 45 feet</u>			
1659	1669	10	Limestone, brown, shaly; also much white sandstone
1669	1690	21	Limestone, brown to light-brown (some is lighter than is typical of the "Little Lime")
1690	1700	10	Shale, greenish-gray, calcareous, 75%; limestone, brown, 25%
1700	1704	4	No sample; driller reports "Pencil Cave" at 1702 to 1704'
<u>Greenbrier Limestone, 162+ feet</u>			
1704	1769	65	Limestone, light-brown to white
1769	1791	22	Limestone, very light brown, sandy
1791	1805	14	Limestone, white, with micro-fossils; oolitic, 1795-1805'
1805	1814	9	Limestone, white, dolomitic
1814	1865	51	Limestone, white to light-brown
	1866		Total depth