

LATITUDE 39° 37' 30"

75'



80° 50' 00"

LONGITUDE

7'5 OGIS topo location

7.5' loc	<u>0.175</u>	15' loc	<u>3.050</u>
	<u>1.990</u>	(calc.)	<u>1.990</u>

Company _____

Farm _____

Quad Rivesville (Bville C)

County Monongahela

District Clay

WELL LOCATION MAP

File No. 061-70056

Clay District, Monongalia County, W. Va.
By Union Utilities Co.
0.5 mi. E. of Hagans.
Completed, April 8, 1910.
10" casing, 606'; 8", 1300'; 6", 1616'.

	Top.	Bottom.	Thickness.
Conductor	0	15	15
Slate and shale	15	90	75
Sand	90	100	10
Slate	100	145	45
Lime	145	151	6
Slate and shale	151	170	19
Sand shale	170	188	18
Sand	188	210	22
Mt. Morris (Waynesburg) Coal	210	216	6
Slate and shale	216	248	32
Lime	248	259	11
Slate	259	269	10
Lime	269	276	7
Slate and shale	276	303	27
Lime	303	317	14
Slate	317	334	17
Lime	334	346	12
Slate	346	355	9
Red rock	355	368	13
Slate	368	374	6
Lime	374	390	16
Slate	390	403	13
Red rock	403	412	9
Slate	412	419	7
Lime	419	436	17
Slate shale	436	459	23
Lime	459	468	9
Red rock	468	479	11
Lime	479	488	9
Slate	488	495	7
Mapletown (Sewickley) Coal	495	500	5
Slate	500	514	14
Lime	514	527	13
Red rock	527	537	10
Slate	537	544	7
Sand	544	559	15
Redstone Coal	559	563	4
Lime	563	579	16
Slate	579	586	7
Pittsburgh Coal	586	594	8
Slate and shale	594	654	60
Lime	654	661	7
Slate	661	686	25
Sand shale	686	718	32
Slate	718	732	14
Sand	732	768	36
Red rock	768	816	48
Slate	816	841	35
Limy sand	841	877	36
Slate	877	896	19

(OVER)

CAL. HAWKINS NO. 1 WELL. (Continued).

	Top.	Bottom.	Thickness.
Lime	896	- 903	7
Slate and shale	903	- 930	27
Red rock	930	- 946	16
Slate	946	- 974	28
Red rock	974	- 994	20
Slate and shale	994	- 1051	57
Limy sand	1051	- 1069	18
Little Dunkard Sand	1069	- 1095	26
Slate and shale	1095	- 1121	26
Black slate	1121	- 1153	32
Lime shale	1153	- 1168	15
Big Dunkard Sand	1168	- 1188	20
Black slate	1188	- 1218	30
Slate and shale	1218	- 1245	27
Limy sand	1245	- 1269	24
Slate and shale	1269	- 1300	31
Black slate	1300	- 1326	26
Lime	1326	- 1337	11
Slate and shale	1337	- 1382	45
Limy sand	1382	- 1404	22
Sand	1404	- 1428	24
Black slate	1428	- 1449	21
Salt Sand	1449	- 1559	110
Slate	1559	- 1574	15
Sand	1574	- 1666	32
Slate	1666	- 1641	35
Lime shales	1641	- 1668	28
Red rock	1668	- 1701	33
Slate	1701	- 1720	19
Red lime	1720	- 1746	26
Slate	1746	- 1770	24
Lime shales	1770	- 1788	18
Black slate	1788	- 1800	12
Big Lime	1800	- 1860	60
Big Injun Sand (first pay, 1972') and unrecorded, to bottom	1860	- 2034	174