

LATITUDE 38°15'

LONGITUDE

81°30'

5.30 S
3.49 W
+

7.5 OGIS topo location

7.5' loc _____ 15' loc _____
_____ (calc.) _____

Company Winifrede Coal Co

Farm Winifrede Coal Co

Quad Belle 7' Montgomery 15'

County Kanawha

District Cabin Creek

WELL LOCATION MAP

File No. 039-70093

#699 C. in Kanawha

1914 WVGES Co RPT

Belle

699C in col 2PT

Cabin Creek District, Kanawha County, W. Va.
By Winifrede Coal Co.
Completed in 1887.

Obtained by Carli: I-5, p. 332.

Authority, Winifrede Coal Co.

Located on Fields Creek, Cabin Creek District, Kanawha County,

West Virginia, about 13 miles southeasterly from Charleston.
Record from U. S. Geological Survey, April 8, 1939.

	Thickness,	Depth.
Conductor	32 -	32
Coal, "Winifrede"	4 -	36
?	11 -	47
Sand	51 -	98
Slate	5 -	103
Coal	2 -	105
Sand	20 -	125
Slate	25 -	150
Sand	115 -	265
Slate	10 -	275
Sand	39 -	314
Coal	2 -	316
Slate	105 -	421
Coal	2 -	423
Sand	8 -	431
? (cased)	9 -	440
Sand	120 -	560
Coal	4 -	564
Slate	21 -	585
Sand (salt water)	635 -	1220
?	235 -	1455
Slate	15 -	1470
Sand	105 -	1575
Limestone, "Long Run rock"	15 -	1590
Sand (little strong brine at 1622')	160 -	1750
Slate	10 -	1760
Shale, red	15 -	1775
Slate, black	5 -	1780
Slate	10 -	1790
Red rock and shale	70 -	1860
Limestone, "Greenbrier"	140 -	2000

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.....District, Kanawha County, W. Va.

Well drilled near Winifrede.

Record furnished by R. B. Cassidy, Charleston, W. Va.

	Top.	Bottom.	Thickness.
Conductor	0	- 32	32
Coal (Winifrede)	32	- 37 $\frac{1}{2}$	5 $\frac{1}{2}$
Sandstone	37 $\frac{1}{2}$	- 98	60 $\frac{1}{2}$
Slate	98	- 103	5
Coal	103	- 105.3	2.3
Sand and slate	105.3	- 125	19.7
Slate	125	- 150	25
Sand	150	- 265	115
Slate and coal	265	- 275	10
Sand	275	- 314	39
Coal (No. 2 Gas)	314	- 316	2
Slate	316	- 421	105
Coal	421	- 423	2
Sand	423	- 431	8
Quicksand	431	- 440	9
Sand	440	- 560	120
Coal	560	- 564	4
Slate	564	- 585	21
Sand (with salt water)	585	- 1220	635
Sand	1220	- 1455	235
Slate	1455	- 1470	15
Sand	1470	- 1575	105
Long Run Rock	1575	- 1590	15
Sand (small flow of strong salt water at 1675')	1590	- 1750	160
Slate	1750	- 1760	10
Shale, red	1760	- 1775	15
Slate, black	1775	- 1780	5
Slate	1780	- 1790	10
Red rock and shale	1790	- 1860	70
Limestone	1860	- 1960	100
Limestone	1960	- 2000	40