

Cass District, Menengalia County, W. Va.
 By L. J. Heuze Convex Glass Co., Ft. Marion, Pa.
 Elevation, 1227.0' L.
 Record to RCT from Russell G. Crawford.

	Top.	Bottom.
Conductor	0 -	15
Slate and lime (water at 35')	15 -	58
Coal	58 -	62
Lime	62 -	75
Sand	75 -	135
Slate	135 -	140
Coal	140 -	145
Slate	145 -	158
Lime	158 -	200
Slate	200 -	205
Lime	205 -	405
Slate	405 -	416
Coal, (Mapletown) (Sewickley)	416 -	420
Slate	420 -	425
Lime	425 -	440
Slate	440 -	453
Lime	453 -	465
Slate and lime shells	465 -	490
Pittsburgh Coal	505 -	516
Lime and slate	516 -	594
Red rock	594 -	601
Sand	601 -	612
Slate and red rock	612 -	745
Lime	745 -	774
Murphy Sand	774 -	800
Slate	800 -	845
Lime	845 -	870
Slate	870 -	920
Red rock	920 -	955
Slate	955 -	973
Lime	973 -	989
Slate	989 -	1078
Lime and slate	1078 -	1118
Gas Sand	1118 -	1142
Slate	1142 -	1150
Lime and slate	1150 -	1280
Salt Sand	1280 -	1336
Slate	1336 -	1372
Sand	1372 -	1570
Slate and lime	1570 -	1628
Sand	1628 -	1647
Slate and lime	1647 -	1675
Sand	1675 -	1690
Slate and lime	1690 -	1725
Red rock	1725 -	1737
Big Lime	1737 -	1818
Big Injun Sand	1818 -	1986
Slate and lime	1986 -	2042
Sandy lime	2042 -	2070
Slate and shells	2070 -	2390

(OVER)

CHARLES H. BRAND NO. 1 WELL (Continued).

	Top.	Bottom.
Sand	2390	- 2402
Slate	2402	- 2405
50-Foot Sand	2405	- 2432
Slate	2432	- 2440
Sand	2440	- 2482
Slate and shells	2482	- 2535
Red slate	2535	- 2540
Sand	2540	- 2578
Slate	2578	- 2790
Sand	2790	- 2800
Slate and lime shells	2800	- 2839
Sand	2839	- 2847
Slate	2847	- 2890
Sand	2890	- 2973
Slate and lime shells	2973	- 3143
Total depth		3143