

	Thickness Feet.	Total Feet.
Sand	130	380
Coal, No. 2 Gas?	5	385
Sand	65	450
Slate	50	500
Salt sand	280	780
Slate	20	800
Sand and lime	100	900
Sand	100	1000
Slate, black	20	1020
Sand	40	1060
Sand and lime	15	1075
Sand, Maxton	145	1220
Black lime	40	1260
Pencil Cave	5	1265
Little Lime	11	1276
Pencil Cave	3	1279
Big Lime	166	1445
Sand, Big Injun.....	35	1480
Red rock	7	1487
Slate and shells	195	1682
Sand, Weir?	60	1742
Slate and shells to bottom	313	2055

Small gas well; water at 6 feet; show of gas and oil at 500 feet; hole full of water at 640 feet; show of gas at 1513 and 1616 feet; gas and oil at 1682 feet.

The well begins 30 feet under the Kanawha Black Flint, so that the coal encountered at 70 feet is possibly the Wini-frede, and that at 380 feet is possibly the No. 2 Gas coal.

The sand encountered at 1682 feet is possibly the "Weir" Sand.

Another well drilled on the south bank of Elk river, near where the pumping station of the Kanawha Water & Light Company is now located, produced gas for a while. The following record published in Vol. I(A), page 501, West Virginia Geological Survey, 1904, exhibits the different sands.

City Water Works No. 1 Well Record (653).

Located in Charleston district, on south bank of Elk River, 1 mile northeast from its mouth. Authority, W. S. Edwards. Elevation, 610' A. T. B.

	Thickness Feet.	Total Feet.
Conductor	28	28
Unrecorded	12	40
Shale	34	74
Coal, Stockton-Lewiston.....	2	76
Sandstone	74	150

	Thickness Feet.	Total Feet.
Shale	42	192
Coal, Winifrede?.....
Shale and sandstone	68	260
Limestone	20	280
Sandstone	60	340
Shale	60	400
Sandstone	70	470
Coal, No. 2 Gas.....
Unrecorded	20	490
Shale	20	510
Sandstone	50	560
Shale	30	590
Sandstone	355	945
Unrecorded	55	1000
Sandstone	170	1170
Shale	10	1180
Limestone	10'	} Big Lime and Big Injun 335 1515
Sand	60	
Limestone	200	
Unrecorded	25	
Sandstone, pebbly	40	
Sandstone, red	85	1600
Sandstone, shelly and slaty	12	1612
Sandstone	80	1692
Slate to bottom	148	1840

The sand encountered at 1692 feet is possibly the "Weir."

Another well (654) was drilled in the western part of Charleston district, and all the sands were found dry. A well was also drilled in Ruffner hollow (651), and a small flow of gas was there encountered in the Big Injun.

In the early history of Charleston several salt wells were drilled near the mouth of Wilson hollow, and the salt water used in the manufacture of salt.

Prospective Oil and Gas Territory, Charleston District.

The wells already drilled in Charleston district seem to indicate that there is no probability of any large deposit of oil or gas within the district. It is probable that light gas wells will be encountered in the eastern portion of the district.

CABIN CREEK DISTRICT.

Cabin Creek district lies in the southwest portion of Kanawha county, being bounded on the north by Elk and Malden districts, and on the east by Fayette county. It is traversed