

LATITUDE 38° 25'

4.20 S
0.71 W +

LONGITUDE 81° 35'

7'5 OGIS topo location

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

Company CLAY Products

Farm CLAY Products Co 1

Quad Charleston 15'

County Kanawha

District Charleston

WELL LOCATION MAP

File No. 40620 70653

#652 in
Kanawha County
Report

The Big Injun and Squaw sands appear to be absent, as sands.

The well begins 150 feet under the Kanawha Black Flint and 20 feet under the Winifrede coal. The coal encountered at 440 feet is possibly the Eagle coal. The elevation of the top of the Berea is 1154 feet below tide, compared with 1443' in the Blaine well No. 1 (641), a rise of 289 feet in $4\frac{3}{4}$ miles, or at the rate of 60 feet per mile.

Prospective Oil and Gas Territory, Loudon District.

Although several wells have been sunk at different points in Loudon district, there yet remains a large acreage in the district that has not been condemned by dry holes. The southern portion is favored by geologic structure for gas in the Big Lime, and possibly in the Big Injun, and in the extreme southern portion of the district there may possibly be some oil in these sands. In the northwestern portion some oil has been found in the Huling No. 2 (640) in the Salt sand.

CHARLESTON DISTRICT.

Charleston district lies near the center of Kanawha county, south of Union and west of Malden and Elk districts. Salt wells were drilled along the Kanawha river at an early date, from which salt water was pumped and used in making salt. Several test wells have been drilled in this district for oil and gas, but thus far no oil of commercial value has been produced. A few records from this area will now be given:

West Virginia Clay Products Company No. 1 Well Record (652).

Located on water of Elk Two-Mile Creek, one mile southwest of Two-Mile station. Authority, Clay Products Company. Completed, 1912. Elevation, 620' A. T. B.

	Thickness Feet.	Total Feet.
Mud and gravel	38	38
Sand	32	70
Coal, Winifrede?	5	75
Sand	100	175
Slate, black	75	250

	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