

Union

70020

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

Driller, Charleston Natural Gas Co.

Located 1 mile below Lock 6, on Kanawha River.

Began August 7, 1897; completed, Nov. 9, 1897.

Obtained by N. H. Campbell.

Authority, J. W. Pembale.

Record from U. S. Geological Survey, April 8, 1913.

	Thickness.	Depth.
Conductor		0
Sandstone (trace of gas at 315')	405 -	405
Coal	5 -	410
Sandstone	25 -	435
Slate and shale	220 -	655
Sandstone	10 -	665
Slate and shale	40 -	705
Sandstone	30 -	735
Slate	15 -	750
Lime	25 -	775
Sandstone (salt water at 830')	15 -	790
Coal	3 -	793
Sandstone	7 -	800
Slate	25 -	825
Sandstone (full of salt water)	480 -	1305
Dark lime	20 -	1325
Gray lime	163 -	1488
} 213' limestone		
Slate and shale	25 -	1513
Sand, (Big Injui) (full of salt water)	47 -	1560
Shale (trace of oil at 2135')	425 -	1985
Shells and shale	115 -	2100
Shale	145 -	2245
Sandstone	5 -	2250
Shale	208 -	2458

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District, Kanawha County, W. Va.
 By Charleston Natural Gas Co.
 At Mound Station.

	Top.	Bottom.	Thickness.
Bottom of Salt Sand	- 1420	...
Dark lime and shale	1420	- 1475	55
White lime	1475	- 1638	163
Slate	1638	- 1663	25
Big Injun Sand	1663	- 1710	47
Shale, Guyahoga	1710	- 2135	425
Shells in place of Berea Sand	2135	- 2150	15
Slate, to bottom	2150	- 2287	137