

.....District, Ohio County, W. Va.

By J. K. Lanahan.

Completed Dec. 1884.

Authority: Carll, Ann Rpt. 1886, pt. 2, p. 781.

Well located 3 mi. E. N. E. of Wheeling and near Triadelphia.

Record from U. S. Geological Survey, April 8, 1939.

	Thickness,	Depth,
Conductor (gravel and sand)	20 -	20
Slate	8 -	28
Limestone	18 -	46
Slate and fire clay	9 -	55
Coal and coal slate	5 -	60
Slate and shale	15 -	75
Limestone	5 -	80
Shale and fire clay	35 -	115
Sand	6 -	121
Slate and fire clay	10 -	131
Red clay	8 -	139
Fire clay	11 -	150
Red clay	5 -	155
Fire clay and slate	15 -	170
Shale	5 -	175
Fire clay, red and white	30 -	205
Slate and shale	55 -	260
Slate	42 -	302
Sand	6 -	308
Clay and slate	42 -	350
Shale, dark	12 -	362
Clay and slate (cased at 396')	34 -	396
Slate	22 -	418
Sand, gray (little gas)	12 -	430
Slate, black	25 -	455
Slate, gray, and soapstone	15 -	470
Slate, mixed with sand, shale	65 -	535
Sand, white, soft (little gas)	30 -	565
Slate and sand shells, gray	60 -	625
Shale, sandy	15 -	640
Slate, black	12 -	652
Sand, hard	6 -	658
Slate, black	45 -	703
Shale, sandy	10 -	713
Slate or soapstone, light	30 -	743
Sand, white to dark	103 -	846
Slate, black	10 -	856
Slate	10 -	866
Hard rock, changing to soft (water, 875')	70 -	936
Slate (cased at 940')	35 -	971
White rock, soft	30 -	1001
White rock, growing harder (cased, 1060')	59 -	1060
White rock, hard to soft (little gas and oil at 1210')	310 -	1370
Slate and occasional shells	120 -	1490
Sand, soft	10 -	1500

(OVER)

ST. JAMES.....NO.....WELL (Continued).

	Thickness.	Depth.
Slate and shale	197	- 1697
Dark rock, hard	5	- 1702
Dark, no sand	118	- 1820
Sand, grayish, and shell	4	- 1824
† no sand (soft drilling)	56	- 1880
Red shale or clay, very red	6	- 1886
† no sand (soft drilling)	114	- 2000
(No oil or gas).		