

Washington District, Marshall County, W. Va.
Authority, Dr. J. D. Stables.
Elevation.....
Near Moundsville.

7
c

	Thickness.	Total.
Conductor	40 -	40
Limestone, hard	40 -	80
Coal, Sewickley	4 -	84
Limestone	72 -	156
Coal, Pittsburgh	6 -	162
Slate	72 -	234
Limestone	23 -	257
Slate (10" casing, 254')	92 -	349
Red rock	10 -	359
Slate and red rock	85 -	444
First Cow Run Sand (Moundsville) (Salts- burg)	20 -	464
Red rock	70 -	534
Sand	60 -	594
Slate, black	5 -	599
Coal	5 -	604
Shale, blue	175 -	779
Black slate and shells	163 -	942
Sand 10')		
Coal 3) Salt Sand		
Sand 10) (Pottsville)	121 -	1063
Black slate and shells 31)		
Sand(salt water)67)		
Slate and shells	82 -	1145
Big Lime, (Mountain), hard	85 -	1230
Slate	25 -	1255
Big Injun Sand	165 -	1420
Slate, to bottom	50 -	1470

"The producing sand in the 'shallow' pool (Referring to First Cow Run pool on Little Grave Creek) is the one at 444 feet in this record whose base comes 302 feet below the Pittsburgh Coal. The drillers call it the First Cow Run Sand, and such it really seems to be, since the 70 feet of red rock under it puts it about the middle of the Barrens, and proves that it is not a member of the Mahoning Sandstone, or Dunkard Sand Series. It is possible that this oil sand at 444 feet, 282 feet under the Pittsburgh Coal, may represent the Morgantown Sandstone, but the top of that stratum is seldom more than 200 feet under the Pittsburgh bed."