



	Thickness Feet.	Total Feet.
Black sand .....	10	1795
Slate .....	9	1804
Sand, Squaw .....	8	1812
Slate .....	5	1817
Black sand .....	25	1842
Slate shells .....	18	1860
Black sand, hard .....	125	1985
Slate .....	90	2075
Black sand .....	35	2110
Slate and shells .....	73	2183
Brown shale .....	19	2202
Sand, Berea .....	19	2221
Slate and shells to bottom .....	24	2245

Berea sand, fine, close-grained. Dry hole, and well abandoned.

The above well starts about 475 feet under the Pittsburgh Coal horizon; and this will make the interval between the Pittsburgh coal and top of Big lime, 1995 feet. The "red rock" recorded at 240 to 245 feet is evidently an error of the recorder, since red beds have never anywhere been found at that geological horizon.

#### D. M. Sattes No. 1 Well Record (621).

Located at Sattes station, Union district. Completed April, 1912.  
Authority, A. R. Rich.

(Elevation, 594' A. T. B.)	Thickness Feet.	Total Feet.
Unrecorded .....	1370	1370
Big Lime .....	194	1564
Big Injun sand .....	62	1626
Unrecorded .....	403	2029
Sand, Berea. Below tide, 1434' .....	20	2049
Slate .....	9	2058
Total depth .....		2058
"Showing of oil in top of Berea; well abandoned."		

#### G. H. Bailey No. 1 Well Record.

Located in Union district, Putnam county,  $\frac{1}{4}$  mile north of Philo and 5.5 miles northwest of the Kanawha-Putnam county line. Completed Sept. 27, 1911. Authority, Ohio Fuel Oil Company.

(Elevation, 1005' A. T. B.)	Thickness Feet.	Total Feet.
Red rock and shells .....	100	100
Dark slate .....	45	145
Red rock .....	60	205