

	Thickness Feet.	Total Feet.
Coal, Coalburg.....		
Lime	5	170
Slate	30	200
Sand	15	215
Slate	20	235
Sand	15	250
Slate	50	300
Sand	140	440
Slate	20	460
Sand	55	515
Slate	50	565
Sand	10	575
Black slate.....	60	635
Sand	55	690
Lime	230	920
Sand	60	980
Slate	140	1120
Lime	18	1138
Sand	47	1185
Slate	30	1215
Sand	5	1220
Slate	25	1245
Lime and sand.....	17	1262
Sand	90	1352
Little Lime.....	2	1354
Slate	41	1395
Lime	5	1400
Pencil cave	15	1415
Big Lime, oil 1538'.....	13	1428
Big Injun, oil 1542' and 1560'.....	112	1540
140 feet of 10" casing; 1428 feet of 6 5/8" casing. Hole full of water at 1185'.	60	1600

D. E. Taylor No. 1 Well Record (585).

Located in Big Sandy district on Barren creek, 1 mile north of Barren P. O. Authority, O. L. Davis, Vice-president and General Manager of Eastern Carbon Black Company. Completed December, 1912. Elevation, 635' A. T. B.

	Thickness Feet.	Total Feet.
Quick sand and gravel		
Sand	20	20
Slate	30	50
Sand	25	75
Slate	75	150
Sand	25	175
Slate	25	200
Sand	50	250
Slate	70	320
Sand	30	350
Salt sand	145	495
Red rock	520	1015
Sand	15	1030
Sand	20	1050

	Thickness Feet.	Total Feet.
Slate and shells	50	1100
Sand, Maxton	100	1200
Slate	10	1210
Little Lime	28	1238
Pencil Cave	14	1252
Big Lime	112	1364
Sand, Big Injun, gas at 1370'	26	1390
Red rock	15	1405
Black slate	95	1500
Slate and shells	300	1800
Slate to bottom	85	1885
10" casing, 20 ft.; 8" casing, 495 ft.; 6½" casing, 1271 ft.		

Prospective Oil and Gas Territory, Big Sandy District.

Big Sandy district stands second of the magisterial districts within the boundary of Kanawha county in production of oil and gas. There yet remain, however, considerable areas covering quite a large acreage in different parts of the district that are favored both by structure and present development to warrant further drilling. (1) That portion of the region lying in the northwestern part of the district along the head waters of Wills creek, across which the Robinson syncline passes as outlined on the structural map. (2) West of Clendenin and north of Reamer, just west of the Clendenin gas field, the indications are that there will be developed a small pool, as the Kelly heirs well No. 1 (720) is producing considerable oil in addition to the gas. (3) It is more than probable that light oil wells in the "Weir" sand will be developed on Falling Rock creek, to the north from the pool south of said creek, connecting the pool south of the creek with that north of the creek. (4) It is possible that gas and a small oil pool will be developed south of Queen Shoals along the Clay-Kanawha county line.

LOUDON DISTRICT.

Loudon district lies south of the center of the county and west of Washington district. The Warfield anticline crosses through the southern part of the district in a northeast-southwest direction.

Some prospecting for oil and gas has been done in this district. In the northern part of the district several wells have