

Poca District, Kanawha County, W. Va.
 By Guffey and Galey.
 On Island Branch.
 Elevation, 675'.
 Dry hole.

	Top.	Bottom.
Coal	170	- 172
Black sand (water to drill with at 695')	680	- 750
Coal	750	- 753
Salt Sand (big water at 1310')	1235	- 1540
Little Lime	1550	- 1595
Pencil Cave (hard shell in Pencil Cave of 5 ft.)	1595	- 1608
Big Lime (little gas at 1665-1670') (gas and little oil at 1685-1690')	1608	- 1733
Big Injun Sand	1733	- 1785
Slate and lime	1785	- 2350
No Berea Sand		
Total depth		2350

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

Near Sissonville. At Island Branch?

Elevation, 680' L.

10" casing, 18'; 8 $\frac{1}{4}$ ", 320'; 6-5/8", 1613'.

Water enough to drill at 695'; water at 1320'.

15' of Big Injun Sand of fair quality, the balance rotten and shelly.

Completed through Big Injun Sand April 23, 1909.

Mead Bros., Contractors.

	Top.	Bottom.	Thickness.
Conductor	0	- 18	18
Slate	18	- 170	152
Coal	170	- 172	2
Slate	172	- 220	48
Sand	220	- 230	10
Red rock	230	- 310	80
Pink rock and slate	310	- 550	240
Sand	550	- 580	30
Lime, sandy	580	- 665	85
Lime, dark	665	- 680	15
Sand, dark (water enough to drill, 695')	680	- 750	70
Coal	750	- 753	3
Slate, black	753	- 765	12
Sand	765	- 775	10
Lime	775	- 785	10
Sand	785	- 830	45
Slate, brown	830	- 855	25
Sand	855	- 865	10
Shale, brown	865	- 925	60
Lime, sandy	925	- 940	15
Sand	940	- 1035	95
Shale, black	1035	- 1105	70
Sand	1105	- 1115	10
Shale, black, and lime shells	1115	- 1210	95
Sand	1210	- 1220	10
Shale, black, and lime shells	1220	- 1235	15
Salt Sand (water at 1320')	1235	- 1540	305
Little Lime	1540	- 1595	55
Pencil Cave	1595	- 1608	13
Big Lime (a little gas at 1665-1670')	1608	- 1733	125
Big Injun Sand	1733	- 1785	52
(gas and show of oil in Big Lime at 1685-1690')			
(show of oil in Big Injun, 1735-1745')			