

40A

1352

....*Grant*....District, Harrison County, W. Va.  
By-Pittsburgh & W. Va. Gas Co.  
Well was shot in Speechley Sand at 2946'.  
Fresh water at 142'; salt water at 1845'.  
Gas well.

Preliminary data sheet missing.  
Completion reported to Dept. of Mines May 10, 1930.

*Deviation 1191' from north*

	Top.	Bottom.	Thickness.
Mud, brown, soft	0	- 20	20
Red rock, soft	20	- 40	20
Lime, gray, hard	40	- 60	20
Red rock, soft	60	- 105	45
Slate, white, soft	105	- 140	35
Lime, white, soft (water, 142')	140	- 145	5
Slate, white, soft	145	- 175	30
Lime, white, hard	175	- 220	45
Red rock, soft	220	- 225	5
Lime, white, hard	225	- 260	35
Red rock, soft	260	- 265	5
Slate, white, soft	265	- 290	25
Lime, dark, hard	290	- 302	12
Slate, white, soft	302	- 315	13
Lime, dark, hard	315	- 330	15
Slate, dark, soft	330	- 370	40
Lime, light, hard	370	- 390	20
Slate, light, soft	390	- 400	10
Lime, dark, hard	400	- 412	12
Sand, light, hard, Little Dunkard	412	- 465	53
Slate, light, soft	465	- 470	5
Lime, white, hard	470	- 505	35
Slate, white, soft	505	- 515	10
Lime, dark, hard	515	- 585	70
Sand, light, hard, Big Dunkard (gas, 615')	585	- 620	35
Slate, black, soft	620	- 685	65
Sand, dark, hard, Gas (gas, 715')	685	- 735	50
Slate, black, soft	735	- 740	5
Lime, light, hard	740	- 768	28
Slate, black, soft	768	- 790	22
Sand, dark, hard, 1st Salt	790	- 830	40
Slate, black, soft	830	- 835	5
Lime, light, hard	835	- 855	20
Sand, dark, hard, 2nd Salt	855	- 965	110
Lime, dark, hard	965	- 995	30
Slate, gray, soft	995	- 1003	8
Sand, light, hard, 3rd Salt (show oil, 1085')	1003	- 1090	87
Slate, dark, soft	1090	- 1120	30
Lime, light, hard	1120	- 1130	10
Slate, gray, soft	1130	- 1140	10
Sand, gray, hard, Maxton Sand	1140	- 1195	55
Red rock, soft	1195	- 1210	15
Lime, light, hard	1210	- 1230	20
Red rock, soft	1230	- 1310	80
Slate, light, soft	1310	- 1320	10
Lime, light, hard, Little Lime	1320	- 1340	20

(OVER)

	Top.	Bottom.	Thickness.
Slate, gray, soft	1340	- 1350	10
Red rock, soft	1350	- 1355	5
Lime, light, hard, Big Lime	1355	- 1420	65
Sand, dark, hard (gas, 1440')	1420	- 1530	110
Lime, dark, hard	1530	- 1560	30
Slate, dark, soft	1560	- 1580	20
Sand, dark, hard	1580	- 1600	20
Slate, dark, soft	1600	- 1610	10
Lime, light, hard	1610	- 1620	10
Slate, dark, soft	1620	- 1625	5
Lime, dark, hard	1625	- 1635	10
Slate, light, soft (shell and slate)	1635	- 1770	135
Sand, dark, soft	1770	- 1790	20
Slate-shell, dark, hard	1790	- 1830	40
Sand, light, hard (water, 1845')	1830	- 1865	35
Slate, light, soft	1865	- 1878	13
Sand, light, hard	1878	- 1912	34
Slate, white, soft (SLM, 1917')	1912	- 1930	18
Sand, light, hard (gas, 1933')	1930	- 1945	15
Stray Sand	2048	- 2080	32
Gordon Sand	2100	- 2120	20
Fourth Sand, shells	2160	- 2185	25
Fifth Sand (gas, 2239-2240')	2235	- 2254	19
Lime, hard	2730	- 2745	15
Lime, hard	2830	- 2845	15
Sand, Speechley (gas, 2945')	2940	- 2946	6
Total depth		2970	