



NELLIE B. TOMPKINS NO. 2 (860) WELL (CQ-61).

KAN-214

Malden District, Kanawha County, W. Va.  
 By Godfrey L. Cabot, Inc., Charleston, W. Va.  
 Location, 2327' S. 20° E. of No. 1.

On northern branch of Burning Spring Branch, 0.9 mi. N. E. of Heskett, 1.6 mi. S. of Malden, and 1.15 mi. E. of Cartin.

1.9 mi. N. of 38° 15' and 1.72 mi. E. of E1° 35' - SW - Charleston Quadrangle.  
 Drilling commenced April 9, 1936; completed, July 20, 1936.

Contractor, Everett Ferrell.

Elevation, 753.9' L.

1 3/8" casing, 37'; 10", 185'; 8 1/4", 1277'; 6-5/8", 4521'; 2" tubing, 4626'; (all left in).

Initial open flow: 18/10 Hg. in 2"; volume, 744 M.

Shot July 21, 1936, with 40 qts.; 1 hr. after shot, 2,000 M. cu. ft.

24-hr. Rock Pressure, 1210 lbs.

0 - 36	Surface	1084 - 1091	Slate
36 - 96	Sand (hole full fresh water, 50')	1091 - 1100	Lime
96 - 99	Coal	1100 - 1104	Pencil slate
99 - 122	Sand	1104 - 1292	Big Lime
122 - 190	Slate and shells	1292 - 1312	Keener Sand (show of gas at 1297'; not enough to gauge)
190 - 225	Sand (hole full salt water, 200')	1312 - 1347	Big Injun Sand, red
225 - 232	Slate	1347 - 1727	Slate and shells
232 - 287	Sand	1727 - 1735	Brown shale
287 - 342	Slate	1735 - 2930	Slate and shells
342 - 352	White sand	2930 - 2970	Brown shale
352 - 367	Slate	2970 - 3270	Slate and lime shells
367 - 436	Sand	3270 - 3632	Brown shale
436 - 540	Grampus Sand	3632 - 3770	White slate
540 - 735	Salt Sand	3770 - 3781	Brown shale
735 - 738	Slate break	3781 - 4120	White slate
738 - 748	Lime	4120 - 4470	Brown shale
748 - 790	Slate	4470 - 4490	Black shale
790 - 825	Sandy lime	4490 - 4592	Corniferous Lime
825 - 969	Sand	4592 - 4611	Oriskany Sand (gas at 4593-97', 2/10 W. in 522 6-5/8"; gas at 4597-99', 18/10 Hg. in 2") 678
969 - 989	Lime		
989 - 1046	Moxton Sand		
1046 - 1070	Little Lime		
1070 - 1073	Slate	4611 - 4626	Helderberg Lime
1073 - 1084	Lime	4626	Total depth

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