

G. H. Ott Heirs No. 1 Well

Ravenswood District, Jackson County, W. Va.

By Joe Rubin, Parkersburg, W. Va.

Located 1.85 mi. W. of 81°35' and 3.43 mi. S. of 39°00' -NC- Ripley Quadrangle.

Elevation, 648'.

Permit, Jac-126.

Drilling commenced Mar. 25, 1941; completed, Aug. 1, 1941.

Gas well.

16" casing, 80'6"; 13-5/8", 603'4"; 10", 1199'; 8 1/4", 2008'; 7", 4890'.

Section based on samples from 1601 to 5028', examined by C. N. Apsouris; samples also available from 95 to 1601'.

Top Bottom Thickness Pottsville Formation, 105+ feet

Top	Bottom	Thickness	Description
1601	1617	16	Shale, dark-gray
1617	1633	16	Sandstone, white, fine, 80%; gray shale, 50%
1633	1640	7	Sandstone, white, fine
1640	1660	20	Shale, gray, 70%; fine white sandstone, 30%
1660	1668	8	Sandstone, white, fine, 50%; gray shale, 50%
1668	1706	38	Sandstone, white, fine (water at 1670')

Greenbrier Limestone, 157 feet

1706	1711	5	Limestone, light-brown, fossiliferous, 60%; grayish-green, slightly sandy and shaly limestone, 40%
1711	1716	5	Limestone, light-brown, very sandy
1716	1723	7	Limestone, light-brown, 80%; green sandy shale, 20%
1723	1729	6	Limestone, nearly white, oolitic, 80%; green shale, 20%
1729	1745	16	Limestone, nearly white to light brown
1745	1753	8	Limestone, light-brown, sandy, 90%; gray and green shale, 10%
1753	1758	5	Limestone, light-brown
1758	1763	5	Limestone, brown, oolitic, silty
1763	1776	13	Limestone, light-brown
1776	1788	12	Limestone, light-brown to white, dolomitic
1788	1802	14	Limestone, nearly white, sandy, dolomitic
1802	1807	5	Sandstone, white, very fine, calcareous and dolomitic
1807	1815	8	Limestone, brown, sandy

Top	Bottom	Thickness	
1815	1823	8	Sandstone, white, fine, calcareous, 85%; green, sandy shale, 15%
1823	1834	11	Limestone, white, sandy
1834	1840	6	Limestone, white, sandy, dolomitic
1840	1852	12	Limestone, white, dolomitic, slightly sandy
1852	1858	6	Limestone, white, sandy, dolomitic
1858	1864	6	Limestone, white, sandy, dolomitic, 80%; grayish-green siltstone 20%
<u>Pocono Formation, 472 feet</u>			
1864	1871	7	Sandstone, white to light-green, very fine
1871	1876	5	Siltstone, green, with siderite spherulites, 50%; coarse white sandstone, with rounded grains, 50%
1876	1935	59	Sandstone, white, medium-grained
1935	1942	7	Sandstone, white, medium-grained, 70%; gray siltstone, 30%
1942	1952	10	No sample
1952	1990	38	Sandstone, white, fine
1990	1995	5	Shale, gray, silty
1995	2008	13	Shale, gray, 50%; light-gray, sandy siltstone, 50%
2008	2015	7	Shale, gray
2015	2048	33	Shale, gray, 50%; white siltstone, 50%
2048	2054	6	Siltstone, white
2054	2135	81	Siltstone and shale, gray
2135	2142	7	No sample
2142	2158	16	Siltstone, gray to brown, sandy, 85%; gray, silty shale, 15%
2158	2165	7	Siltstone, gray, sandy, 70%; gray shale, 30%
2165	2186	21	Shale, gray
2186	2218	32	Siltstone and shale, gray
2256	2315	59	Siltstone and shale, gray
2315	2335	20	Shale, very dark gray (Sunbury Shale)
2335	2336	1	Sandstone, white, very fine, with specks of pyrite and a few coarse quartz grains (Berea Sandstone; thickness from driller's record)

Top Bottom Thickness

Devonian Shales, 2532 feet

2336	2448	112	Shale, light-gray, silty
2448	2470	22	Siltstone, light-green shaly
2470	2494	24	Shale, light-gray, silty
2494	4806	2312	Description omitted
4806	4828	22	Shale, dark-gray, 60%; gray shale, 40%
4828	4843	15	Shale, dark-gray, 50%; gray shale, 50%
4843	4868	25	Shale, very dark gray

Huntersville Chert, 120 feet

4868	4885	17	Limestone, brown
4885	4988	103	Limestone, cherty and calcareous chert, mostly light-gray

Oriskany Sandstone, 40+ feet

4988	5014	26	Sandstone, white fine
5014	5028	14	Sandstone, white, fine to coarse, slightly calcareous
	5028		Total depth

4868