

J. F. and Harrison Sisler No. 2 Well.

Portland District, Preston County, W. Va.

By Wm. E. Snee, West Elizabeth, Pa.

Located

Elevation,

Permit

Starts in Chemung Formation.

Section based on samples from 0 to 1841', examined by J.H.C. Martens.

Top	Bottom	Thickness	
0	15	15	Shale, brown; also a few pieces of limonite and brown sandstone
15	40	25	Siltstone and silty shale, gray with a few pieces of brown
40	55	15	Shale, gray, mostly silty
55	61	6	Siltstone, gray
61	90	29	Shale, gray, 80%; fine gray siltstone, 20%
90	197	107	Siltstone, gray, fine, 70 to 80%; gray shale, 30 to 20%
197	216	19	Siltstone, gray and light-gray, coarser than siltstone above
216	223	7	Sandstone, light-gray, very fine
223	229	6	Siltstone, light-gray, sandy, 80%; gray shale, 20%
229	235	6	Sandstone, light-gray, very fine
235	263	28	Sandstone, light-gray, fine (probably the same as sandstone from 27 to 57' in Sisler No. 1 well)
263	286	23	Siltstone, gray to light-gray, partly sandy, 60%; gray shale, 40%
286	305	19	Siltstone, gray, partly shaly; a few shell-like fragments, 298-305'

305	369	64	Siltstone, gray to light-gray, with abundant fossil shells; a few pieces of slickensided shale, 358-363'
369	376	7	Siltstone and shale, gray, fossil shells in the siltstone
376	487	111	Siltstone, gray to light-gray and grayish-green, with abundant fossil shells; a little gray shale in most samples
487	494	7	Siltstone, gray, 60%; brown siltstone, 40%; some fossil shells
494	503	7	Siltstone, gray, with fossil shells
503	623	120	Siltstone, gray, with a few fossil shells, 80%; gray shale, 20%; individual samples vary considerably in amount of shale
623	643	20	Siltstone, gray and dark brownish gray (corresponds to interval 438-454' in Sisler No. 1 well)
643	650	7	Siltstone, gray to dark-gray, 70%; gray shale, 30%
650	667	17	Shale and siltstone, gray to dark-gray; a few fossil fragments
667	694	27	Siltstone, gray and light-brown, with fossil shells
694	710	16	Siltstone, gray and light-brown, with a few fossil shells, 80%; gray shale, 20%
710	743	33	Siltstone, light-gray
743	758	15	Siltstone, light-gray, with fossil shells
758	763	5	Siltstone, light-gray, with darker carbonaceous streaks
763	778	15	Siltstone, gray, 80%; gray shale, 20%
778	805	27	Siltstone, gray
805	827	22	Siltstone, gray, 70%; gray shale 30%
827	862	35	Siltstone, light-gray, brown, and grayish-green, with fossil shells
862	872	10	Shale and fine siltstone, gray
872	881	9	Siltstone, light-gray, with fossil shells

881	890	9	Siltstone, grayish-green, 70%; fine sand with rusty stain, 30%
890	909	19	Siltstone and silty shale, gray, with a few fossil shells
909	915	6	Siltstone, gray and brown
915	952	37	Siltstone and shale, gray; a few fossil shells in the siltstone
952	962	10	No sample
962	979	17	Siltstone and shale, gray; a few fossil shells in the siltstone
979	988	9	Shale, dark-gray, 70%; gray siltstone, 30%
988	1019	31	Siltstone, gray, 50 to 70%; gray shale, 50 to 30%
1019	1045	26	Siltstone, gray, light-gray and grayish-green with fossil shells; small amount of gray shale
1045	1055	10	Shale, gray, 70%; gray fossiliferous siltstone, 30% (corresponds to 855-867' in Sisler No. 1 well)
1055	1193	138	Siltstone, gray, grayish-green, and brown, 70 to 90%; gray shale, 30 to 10%, a few fossil shells
1193	1200	7	Siltstone, light-gray, with fossil shells
1200	1221	21	Shale and fine siltstone, gray
1221	1227	6	Siltstone, gray, with fossil shells, 80%; gray shale, 20%
1227	1297	70	Shale and fine siltstone, gray
1297	1305	8	Siltstone, gray and light-brown, with fossil shells
1305	1328	23	Shale, gray, silty, 60%; gray siltstone, 40%
1328	1375	47	Shale, gray, partly silty, 80 to 90%; gray to grayish-green siltstone, 20 to 10%
1375	1393	18	Shale, gray to grayish-green, 60%; grayish-green siltstone, 40%
1393	1434	41	Shale, gray, with small amounts of fine siltstone
1434	1446	13	Shale, gray, 60%; fine gray siltstone, 40%
1446	1470	24	Shale, gray to dark-gray, silty

1470	1497	27	Shale and fine siltstone, gray to dark-gray, very similar to interval above; a few pieces of siltstone are fractured and contain small veins.
1497	1505	8	Siltstone, brown; also some gray shale and siltstone
1505	1568	63	Shale, gray, with some gray and brown fine siltstone
1568	1579	11	Siltstone, gray to grayish-green, 70%; gray shale, 30%
1579	1600	21	Shale, gray, 50%; fine gray siltstone, 50%
1600	1635	35	Siltstone, gray, 80 to 90%; gray shale, 20 to 10%
1635	1687	52	Shale and fine siltstone, gray; some of shale is rather dark; a few shell fragments, 1655 - 1665'
1687	1764	77	Siltstone, gray, 70%; darker gray shale, 30%
1764	1783	19	Siltstone, gray and brown, with a few fossil shells, 70%; gray silty shale, 30%
1783	1802	19	Siltstone, gray, 80%; gray shale, 20%
1802	1841	39	Siltstone, brown, with a little gray shale and siltstone (probably the same as 1475-1514' in Sisler No. 1 well.)

James F. and Harrison Sisler No. 3 Well.

Portland District, Preston County, W. Va.

By Wm. E. Snee, West Elizabeth, Pa.

Located 4.83 mi. S. of 39° 30' and 3.4 mi. W. of 79° 30' - NE - Kingwood  
Quadrangle; 1008 feet N. 28° 50' W. of No. 1 Well.

Elevation, 2036.6' L.

Completed Aug., 1946.

Gas well; volume, 4,350,000 cu. ft.

Section based on samples examined by J. H. C. Martens.

Pres-4

Top	Bottom	Thickness	
4715	4895	180	Shale, dark-gray to black; a few fragments of white calcite veins
4895	4910	15	Limestone, brownish-gray to very light gray, very fine textured; samples also contain some shale
4910	5489	579	Shale, dark-gray to black; a few fragments of white vein calcite
5489	5513	24	Shale, very dark gray to black with a little gray and brown fine-textured limestone
5513	5553	40	Shale, black, slickensided, with a little white vein calcite
5553	5560	7	Shale, black, with a little brown silty micaceous and pyrite shale
<u>Huntersville Chert (Onondaga Limestone), 62½ feet</u>			
5560	5577	17	Limestone, gray to brownish; also much shale and some brown silty micaceous and pyrite shale
5577	5597	20	Chert, brown to light-brown, containing small dolomite rhombs; shows only small amount of fracturing

5597

5622

25

Chert, very light gray to nearly white,  
containing small dolomite rhombs; the chert  
is very much fractured and most of the  
cracks are filled with quartz and dolomite;  
a few small cracks are open and well-formed  
quartz crystals attached to a few of the  
chert fragments indicate the presence of  
other cavities (gas at 5608, 5613, and  
5622')

5622<sub>1</sub>

Total Depth.