

This has been revised after finding additional samples

Volcanic Oil and Coal Co. No. 4 Well

WOO-127

Walker District, Wood County, W. Va.

By Clifton Oil and Gas Company, Parkersburg, W. Va.

Located 4.99 mi. S. of 39°20' and 0.88 mi. W. of 81°16' -SE- Marietta Quadrangle.

Elevation, 1115' L.

Permit, Woo-127

Top Bottom Thickness

Top	Bottom	Thickness	Description
0	15	15	No samples
10	20	10	Sandstone, very light brown, fine
20	35	15	No sample
35	40	5	Sandstone, light-gray, fine, 60%; gray carbonaceous siltstone,
40	50	10	^{40%} Sandstone, light-gray to yellow, fine, 80%; gray shale
40	60	20	No sample and siltstone, 20%
50	55	5	Siltstone, light-gray, fine, 50%; gray shale, 40%
55	65	10	Siltstone, light-gray, micaceous
65	70	5	No sample
60	75	15	Siltstone, gray, shaly, micaceous
75	85	10	Sandstone, light-brown, fine, calcareous
80	90	10	No sample
85	95-125	40	Sandstone, light-brown, fine
95	135	40	No sample
125	130	5	Sandstone, nearly white, fine, 80%; gray siltstone, 20%
130	135	5	No sample
135	140	5	Sandstone, light-brown, fine
140	145	5	No sample
145	150	5	Siltstone, gray, fine, shaly
150	155	5	No sample Siltstone, gray, sandy
155	160	5	Sandstone, very light brown with green specks, fine
160	165	5	Sandstone, light-gray and light-brown, very fine; almost a siltstone
165	175	10	Sandstone, light-brown, fine
175	180	5	Sandstone, light-brown, medium-grained
180	190	10	No samples
190	195	5	Sandstone, very light brown, medium-grained

Volcanic Oil and Gas Co. No. 4 Walker District Wood Co

125-210

may be done with together

Top	Bottom	Thickness	
195	200	5	No sample
200	205	5	Sandstone, very light brown, medium-grained
205	210	10 5	No sample Sandstone, very light brown, medium-grained
210	230	15 20	Sandstone, very light brown, fine
230	235	5	No sample
235	240 265	15 30	Sandstone, very light brown to nearly white, fine to medium-grained
235	275	25	No sample
265	295	30	Sandstone, very light brown, fine, 70 to 90% gray shaly siltstone, 30 to 10% siltstone, dark-gray, shaly
275		20	
295	305	10	No sample
305	325	20	Sandstone, white, medium- to fine-grained
325	335	10	Sandstone, white, coarse; crystal faces on some grains
330	335	5	No sample
335	340	5	Sandstone, white, medium-grained
340	355	10 15	Sandstone, white, coarse; crystal faces on many grains
350	355	5	No sample (top of Greenbrier limestone or "Big Line" is in this interval) Greenbrier Ls.
top member at 355	355	30	Limestone, very light brown, sandy, oolitic; many sand grains are rounded and frosted
	360	20	
360	368	20	No sample
365	390	5	Sandstone, nearly white, fine, highly calcareous and somewhat dolomitic base of member
390	470	80	No sample
470	480	10	Sandstone, very light gray, fine
480	495	15	Sandstone, nearly white, medium- to coarse-grained
495	500	5	Shale, gray, 60%; coarse white sandstone, 40%
500	515	15	Sandstone, white, medium-grained.
500	520	20	No sample
515	530	15	Shale, gray, silty
520		10	
530	535	5	No sample
535	540 545	5 15	Siltstone, light-brown to light-gray, 60%; gray shale, 40%
545	560	15	shaly, dark-gray, silty
540	550	10	No sample
550	560	10	Shale, gray and brown, very silty
560	575	15	No sample
560	575	15	shale and siltstone, gray

Top	Bottom	Thickness	
575	580	5	Siltstone, light-brown and light-gray
580	590	10	Sandstone, very light brown, fine, 80%; gray, silty shale, 20%
590	635	45	No sample
			<i>Sandstone, very light brown very fine</i>
635	640	5	Shale, gray, silty
640	705	65	No sample
705	710	5	Siltstone, gray to light-brown, fine, shaly
710	730	20	No sample
730	735	5	Shale and siltstone, gray
735	740	5	No sample
740	750	10	Shale and siltstone, gray; also some light-brown siltstone
750	755	5	No sample
755	765	10	Shale and siltstone, gray
765	770	5	No sample
770	775	5	Shale and siltstone, gray
775	780	5	No sample
780	790	10	Shale and siltstone, gray
790	800	10	Shale, gray, silty
800	805	5	Siltstone, brown, 60%; gray silty shale, 40%
805	815	10	No sample
815	825	10	Shale and siltstone, gray; also some light-brown siltstone
825	845	20	No sample
845	850	5	Shale, gray, silty
850	880	30	No sample
880	895	15	Shale, dark-gray to very dark gray; a few fragments composed mostly of pyrite and also some disseminated pyrite in the shale (Sunbury Shale, corresponding to drillers "Coffee Shale")
			<i>Top of Sunbury is at about 870</i>
895	920	25	No sample (Berea Sandstone if present would be in this interval)
920	925	5	Siltstone, light-brown and gray, 80%; gray silty shale, 20%
925	935	10	No sample
935	955	20	Siltstone, light-brown, with fossil shells, 80 to 90% gray shale, 20 to 10%
955	970	15	No sample
970	975	5	Siltstone, light-brown

Top	Bottom	Thickness	
975	985	10	Shale and siltstone, gray, 60%; brown siltstone, 40%
985	990	5	No sample
990	1010	20	Siltstone, light-brown, with some gray
1010	1020	10	Sandstone, light-brown, very fine, slightly calcareous; so fine that it could just as well be called a coarse siltstone (oil, 1012-1017')
1020	1025	5	Sandstone, light-brown, very fine, like that above, 70%; gray shale and siltstone, 30%
1025	1030	5	Siltstone and silty shale, gray, 70%; light-brown coarse siltstone which is almost a sandstone, 30%
1030	1040	10	Siltstone, gray to grayish-green, sandy, 60%; light-brown, very fine sandstone, 40%
1040	1050	10	Siltstone, gray, grayish-green, and brown; differs only slightly from interval above
1050	1060	10	Siltstone, gray, grayish-green, and brown, 80%; gray silty shale, 20%
1060	1105	45	No sample
1105	1110	5	Shale and siltstone, gray
1110	1120	10	No sample
1120	1145	25	Sandstone, light-brown and white, very fine, silty, 60%; gray siltstone and silty shale, 40%; the sandstone is slightly calcareous and similar to that at 1010 to 1020'
1145	1180	35	No sample
1180	1200	20	Siltstone, gray and light-brown, 70%; gray shale, 30%
1200	1225	25	No sample
1225	1240	15	Siltstone, gray and light-brown, 60%; gray silty shale, 40%
1240	1245	5	No sample
1245	1265	20	Shale, gray to dark-gray, mostly silty, 70%; gray to grayish- green siltstone, 30%
1265	1270	5	Siltstone, gray and brown, sandy, 60%; gray silty shale, 40%
1270	1275	5	Siltstone, light-brown, sandy, 60%; gray siltstone, 30%; gray shale, 10%
1275	1285	10	Shale, gray to grayish-green, silty
1285	1300	15	No sample

Top	Bottom	Thickness	
1300	1320	20	Siltstone, light-brown and gray, coarse and sandy, some parts could be classed as very fine sandstone; coarsest part is from 1310 to 1320' and is somewhat calcareous; also small amount of gray shale
1320	1330	10	No sample
1330	1345	15	Siltstone, gray, mostly shaly, slightly calcareous
1345	1385	40	Siltstone, gray and light-brown, slightly calcareous; contains a few fossil shell fragments; also about 10% of gray shale
1385	1510	125	Siltstone, and silty shale, gray, most of the samples in this interval are predominantly shaly in general appearance, but less than half of the material is as fine as true shale
1510	1545	35	Siltstone, light-brown and gray, 60 to 70%; gray shale, 40 to 30%; differs from interval above in that much of siltstone is brown and texture is a little coarser
1545	1555	10	Shale, gray, very silty
1555	1560	5	Siltstone, gray and brown, 60%; gray shale, 40%
1560	1595	35	Siltstone and silty shale, gray; some of siltstone is brownish