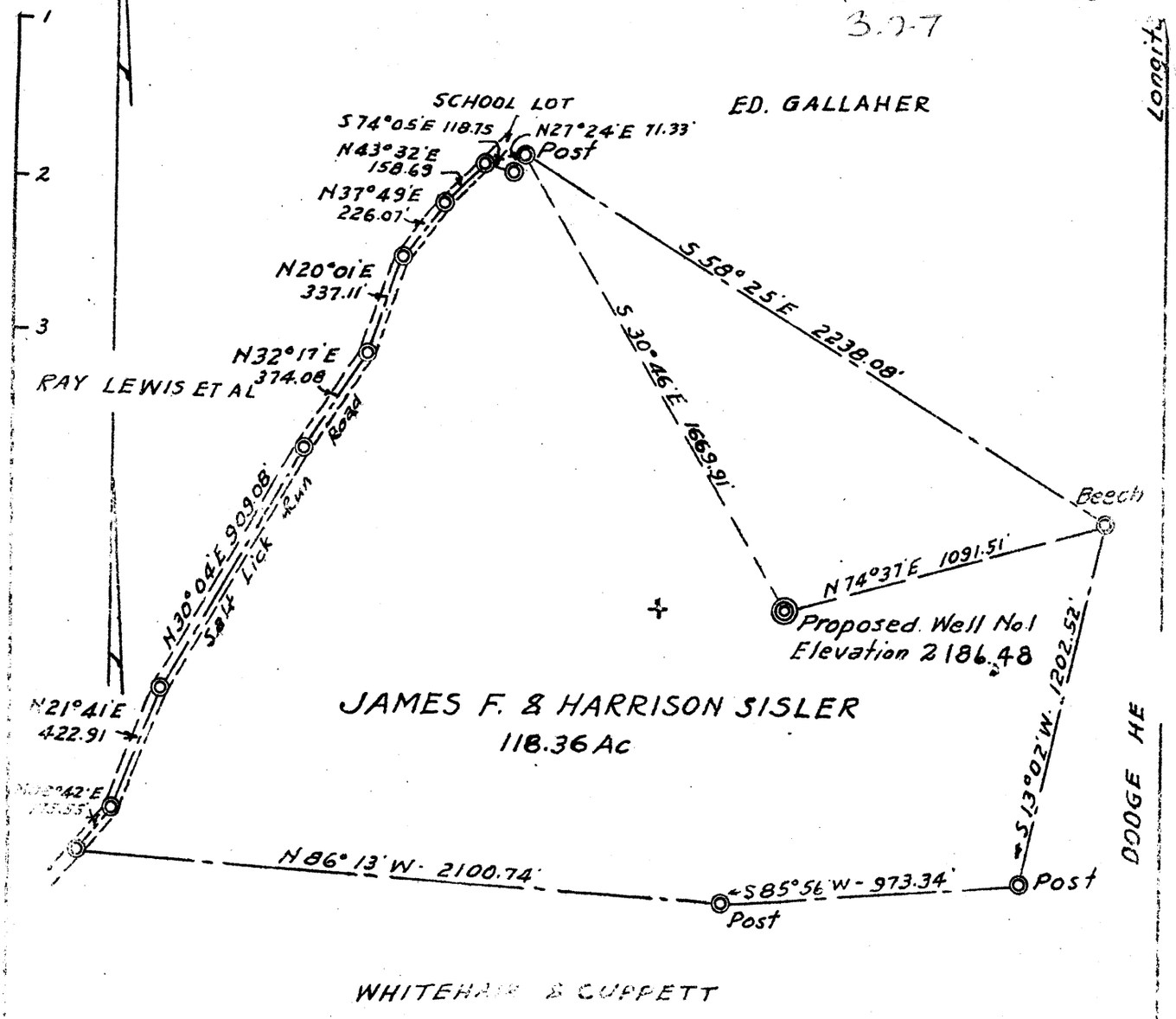
Latitude 39°30

4.94 S 39-30
W 79-30
3.2-7



Company WM. E. SNEE
Address West Elizabeth Pa.
Farm Jas. F. & Harrison Sisler
Tract 1 Acres 118.36 Lease No. 1
Well (Farm No.) 1 Serial No. 1
Quadrangle Kingwood
County Preston
District Portland
Engineer Ralph E. Baker
Engineer's Registration No. 441
File No. 2-19E-173 Drawing No. 6120
Date June 6, 1944 Scale 1" = 500'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. PRES-2

+ Denotes location of well on United States Topographic Maps, scale 1" to 62,500, Latitude and Longitude being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. Pres-2
Kingwood Quad.

		-- Well CASING & TUBING	
Company	William E. Snee		
Address	4th & Grant St., West Elizabeth, Pa.	8 5/8	667
Farm	Jas. F. & Harrison Sisler A-118.36		
Location	Salt Lick Creek		
Well No.	1 Elev. 2186. 36		
District	Portland Preston County		
Surface	Jas. F. & Harrison Sisler, Terra Alta, W.Va.		
Mineral	Same		
Commenced	June 7,1944		
Completed			
Fresh Water	460' 2-9" blrs. per hr.		

Sand	Gr	H		0	57
Slate	Gr	S		57	102
Sand	Gr	H		102	135
Sand	Gr	S		135	138
Slate & Shells	Gr		S-H	138	460
Water Sand	Gr	H		460	489
Slate	Gr	S		489	525
Sand	Gr	H		525	529
Slate & Shells	Gr	S&H		529	875
Sand	Gr	H		875	883
Slate & Shells	Gr		S&H	883	1432
Shale	Lt. Br.		S	1432	1851
Shale	Br	S		1851	2435
Slate & Shells	Gr		S&H	2435	3292
Shale	Br	S		3292	3350
Shale	Gr	S		3350	3379
Sand	Gr	H		3379	3398
Shale	Lt-Br	S		3398	3463
Shale	Br	S		3463	3564
Sand	Gr	H		3564	3591
Slate & Shells	Gr		S&H	3591	4096
Shale	Lt.Br.		S	4096	4182
Shale	Br		S	4182	4475
Shell	Gr	H		4475	4484
Shale	Br	S		4484	4556
Shell	Gr	H		4556	4567
Shale	Br	S		4567	4630
Lime-Shell	Br	H		4630	4640
Shale	Drk.Br	S		4640	4661
Lime-Shell	"	H		4661	4673
Shale	"	S		4673	4698
Lime-Shell	"	H		4698	4718
Shale	"	S		4718	4754
Lime	Gr	H		4754	4782
Lime	Gr	H		4782	4793
Shale	Br	S		4793	5066
Shale	Lt.Br.	S		5066	5163
Shale	Br	S		5163	5424
Lime Shell	Br	H		5424	5428
Shale	Br	S		5428	5472
Lime Shale	Br	S		5472	5580
~~Onondaga Lime~~	Drk. Gr		H	5580	5613
Huntersville Chert	Gr		H	5613	5850
Oriskany Sand	Gr		H	5850	5967

Gas 4480-82 Pocket blew out entirely

Gas 4495 Pocket blew out entirely

Gas 4837-4869 Small show exh.
Gas 4945-4949 "

Darker at 5491

Lighter at 5542
Gas 5692 Pocket blew out entirely
Gas 5952 12,500 C.F. / day
Gas 5953 increase to estimated 500,000 C.F. / day ,but by time tools were pulled out down to 24,000 C.F. / day- has decreased continually since and as of 10/24/44 2,000 C.F. / day. Still drilling sand 10/24/44. (Oriskany Sand at 5967

TD 5962 6018

5580
2186
-3394

5850
2156
3664

5850
2186
-3664

J. F. AND HARRISON SISLER NO. 1 WELL.

Portland District, Preston County, W. Va.
By W. E. Snee, West Elizabeth, Pa.
Located 4.93 mi. S. of 39° 30' and 3.3 mi. W. of 79° 30' - NE - Kingwood Quadrangle.
Elevation, 2186.48' L.
Permit Pres-2.
Drilled in 1944.
Starts in Chemung Formation.
Dry through Oriskany.
Section based on samples from 16 to 6018', examined by J. H. C. Martens.

Top.	Bottom.	Thickness.	
			CHEMUNG, PORTAGE, AND GENESEE FORMATIONS, 4761+ FEET
0 -	16	16	No sample
16 -	27	11	Sandstone, brown, very fine, 50%; brown to gray siltstone and shale, 50%
27 -	35	8	Sandstone, brown, very fine
35 -	57	22	Sandstone, light-gray and brown, fine to very fine; amount of brown decreases downward
57 -	80	23	Shale, gray, 60 to 70%; light-gray siltstone and very fine sandstone, 40 to 30%
80 -	102	22	Siltstone, gray to light-gray, partly shaly
102 -	105	3	Siltstone, gray, 70%; gray shale, 30%; a few pieces of shale are slickensided
105 -	142	37	Siltstone, gray to nearly white, with rather abundant fossil shells
142 -	208	66	Siltstone, light-gray, with abundant fossil shells; mostly finer and more shaly than the siltstone above and below
208 -	285	77	Siltstone, gray and light-gray, and grayish-green, with fossil shells; a little gray shale in some samples
285 -	298	13	Siltstone, gray, partly sandy, with fossil shells, 80%; gray shale, 20%
298 -	322	24	Siltstone, gray, with some shell fragments
322 -	370	48	Siltstone, gray to light-gray, with a few fossil shells, 80%; gray shale, 20%
370 -	438	68	Siltstone, gray to grayish-green, mostly fine, with a few fossil shells; very scarce fragments of white calcite, probably from veins; also some gray shale
438 -	454	16	Siltstone, gray and dark brownish gray; also some gray shale
454 -	479	25	Siltstone, light-gray, with smaller amount of dark-gray; a few shell fragments and a few cleavage fragments of white calcite
479 -	572	93	Siltstone, gray, light-brown, and grayish-green, with rather scarce shell fragments
572 -	583	11	Siltstone, gray, 80%; gray, slickensided shale, 20%
583 -	622	39	Siltstone, gray, light-gray, and grayish-green, with a few fossil shell fragments
622 -	648	26	Siltstone, light-gray to grayish-green, with fossil shells
648 -	683	35	Siltstone and shale, gray, with fossil shells
683 -	708	25	Siltstone and shale, gray; shale fragments are much slickensided
708 -	729	21	Siltstone and shale, gray
729 -	742	13	No sample
742 -	798	56	Siltstone, gray, brown, and grayish-green, with fossil shells, 70%; gray shale, 30%
798 -	816	18	Shale, gray, 60%; gray siltstone with fossil shells, 40%
816 -	855	39	Siltstone, gray, 60 to 80%; gray shale, 40 to 20%
855 -	867	12	Shale, gray, 70%; gray siltstone, 30%
867 -	875	8	Siltstone, gray, 60%; gray shale, 40%

(OVER)

Top.	Bottom.	Thickness.	
875 -	878	3	Siltstone, light-gray
878 -	973	95	Shale and fine siltstone, gray
973 -	983	10	Siltstone, gray, 90%; gray shale, 10%
983 -	1001	18	Siltstone, gray, 50%; gray shale, 50%
1001 -	1142	141	Shale and fine siltstone, gray
1142 -	1160	18	Siltstone, gray, 60%; gray shale, 40%
1160 -	1216	56	Shale and fine siltstone, gray
1216 -	1258	42	Siltstone, gray, 60 to 80%; gray shale, 40 to 20%; a few fossil shells in the siltstone
1258 -	1284	26	Siltstone, gray, with small amount of gray silty shale
1284 -	1310	26	Shale and fine siltstone, gray
1310 -	1402	92	Siltstone, gray, with fossil shells, 80%; gray shale, 20%
1402 -	1418	16	Siltstone and silty shale, gray and dark-gray; a few calcite veins; one fragment of siltstone with quartz crystals, 1402-1410'
1418 -	1432	14	Siltstone, gray
1432 -	1463	31	Siltstone, gray, 60%; gray shale, 40%
1463 -	1475	12	Siltstone, gray and brown, with fossil shells, 70%; gray shale, 30%
1475 -	1514	39	Siltstone, brown, with small amount of gray shale and siltstone
1514 -	1525	11	Siltstone, gray and brown
1525 -	1560	35	Siltstone, gray, 50 to 60%; gray shale, 50 to 40%
1560 -	1628	68	Siltstone, gray and light-gray, 80%; darker-gray shale, 20%
1628 -	1653	25	Siltstone, gray, 60%; gray shale, 40%
1653 -	1698	45	Shale, gray to dark-gray, mostly silty, 70%; gray siltstone, 30%
1698 -	1808	110	Shale, gray, 50 to 80%; light-gray, light-brown, and grayish-green siltstone, 50 to 20%
1808 -	1819	11	Shale, dark-gray, 60%; gray, slightly calcareous siltstone, 40%
1819 -	1929	110	Shale, dark-gray to very dark gray, with a little gray siltstone
1929 -	1941	12	Shale, gray, with silty streaks
1941 -	1985	44	Shale, gray, 50 to 60%; gray and grayish-green siltstone, 50 to 40%; siltstone contains some small dolomite veins
1985 -	1996	11	Shale, dark-gray, 70%; gray siltstone, 30%
1996 -	2006	10	Shale, dark-gray, very silty
2006 -	2050	44	Shale, gray to grayish-green, 70%; grayish-green siltstone, 30%
2050 -	2234	184	Shale, dark-gray to very dark gray, 60 to 80%; fine gray and grayish-green siltstone, 40 to 20%
2234 -	2257	23	Siltstone, gray, fossiliferous, 60%; dark-gray shale, 40%
2257 -	2322	65	Shale, dark-gray, 50%; gray and grayish-green siltstone, 50%
2322 -	2345	23	Shale, dark-gray, partly silty
2345 -	2365	20	Shale and fine siltstone, dark-gray and dark-brown
2365 -	2373	8	Shale, dark-gray, 60 to 80%; gray and brown fine siltstone, 40 to 20%
2373 -	2597	224	Shale, dark-gray and very dark gray, 60 to 70%; gray siltstone, 40 to 30%
2597 -	2642	45	Siltstone, gray, 60%; dark-gray shale, 40%; some fragments are fractured and contain small dolomite veins
2642 -	2830	188	Shale, dark-gray to very dark gray, 50 to 80%; gray and grayish-green fine siltstone, 50 to 20%
2830 -	2846	16	Siltstone, grayish-green, shaly, 70%; dark-gray shale, 30%
2846 -	2875	29	Shale, dark-gray to very dark gray, silty
2875 -	2882	7	Siltstone, grayish-green, fine, 80%; dark-gray shale, 20%
2882 -	3134	252	Shale, dark-gray, very dark gray, and grayish-green, 70 to 90%; gray and grayish-green fine siltstone, 30 to 10%; a few small dolomite veins

(CONTINUED ON PAGE 3)

Top.	Bottom.	Thickness.	
3134 -	3160	26	Siltstone, gray and grayish-green, 60%; dark-gray shale, 40%
3160 -	3281	121	Shale, dark-gray and very dark gray, 60 to 80%; gray and grayish-green fine siltstone, 40 to 20%
3281 -	3341	60	Shale, very dark gray, with small amount of lighter gray, fine siltstone
3341 -	3379	38	Shale, dark-gray, with thin streaks of very dark gray shale and lighter gray siltstone
3379 -	3389	10	Siltstone, brownish-gray, with small dolomite veins, 70%; dark-gray shale, 30%
3389 -	3453	64	Shale, dark-gray, very dark gray, and dark-brown, 60 to 80%; gray siltstone, 40 to 20%; small dolomite veins in many fragments
3453 -	3573	120	Shale, very dark gray, with some lighter gray shale and siltstone; some slickensided shale fragments and a few small dolomite veins
3573 -	3600	27	Siltstone, gray, fine, 50%; dark-gray shale, 50%
3600 -	3650	50	Shale, dark-gray to very dark gray, with thin streaks of gray siltstone
3650 -	3661	11	Siltstone, dark-gray, fine, 80%; dark-gray shale, 20%
3661 -	3689	28	Shale and fine siltstone, dark-gray
3689 -	3700	11	Siltstone, gray to dark-gray, fine, 60%; dark-gray shale, 40%
3700 -	3740	40	Shale, dark-gray, with some fine shaly siltstone; a few pieces of small dolomite veins
3740 -	4134	394	Shale, dark-gray, with a little fine gray to dark-gray siltstone
4134 -	4331	197	Shale, very dark gray and dark-gray
4331 -	4351	20	Shale, very dark gray to black
4351 -	4361	10	Siltstone, dark brownish gray, with a few dolomite veins, 60%; very dark gray shale, 40%
4361 -	4379	18	Shale, very dark gray
4379 -	4556	177	Shale, dark-gray to very dark gray; a few fragments are slickensided and a few contain small veins of white calcite (show of gas, 4495')
4556 -	4559	3	Shale, dark-gray to very dark gray, 70%; fine gray siltstone, 30
4559 -	4624	65	Shale, dark-gray to very dark gray
4624 -	4643	19	Shale, very dark gray to black, slightly calcareous
4643 -	4698	55	Shale, black and very dark gray, slightly calcareous; a few scattered limestone fragments
4698 -	4708	10	Shale, black and very dark gray, with a few pieces of light or gray fine shaly siltstone; some white vein calcite
4708 -	4712	4	Shale, gray to dark-gray; not so dark as samples from above and below
4712 -	4738	26	Shale, black and dark-gray, with a little white vein calcite
4738 -	4761	23	Shale, black and dark-gray, with a few pieces of brown to gray limestone and white vein calcite
			TULLY LIMESTONE, 28 FEET
4761 -	4789	28	Limestone, brown to gray, very fine textured, 40 to 60%; dark-gray to black shale, 60 to 40%
			HAMILTON AND GENESEE SHALES, 801 FEET
4789 -	4855	66	Shale, black and dark-gray; from 4789 to 4832' there are a few pieces of pyrite which are probably fragments of concretions; a few pieces of slickensided shale and vein calcite
4855 -	4863	8	Shale, black; appears more crumpled and slickensided than the samples above and below
4863 -	5061	198	Shale, black and dark-gray; a few pieces of white vein calcite
5061 -	5066	5	Shale, mostly dark-gray; contains some fragments which are lighter colored and more silty than the shale of the interval above

Top.	Bottom.	Thickness.	
5066 -	5428	362	Shale, very dark gray to black; many samples contain fragments with small calcite or dolomite veins
5428 -	5444	16	Shale, black; some pieces are crumpled and slickensided; contains veins of calcite, dolomite, quartz, and pyrite; a few small loose salt crystals in one sample
5444 -	5551	107	Shale, very dark gray to black; contains a little vein material, mostly calcite; calcareous, 5472-5551'; correction of 5 feet applied to depth at 5551'
5546 -	5590	44	Shale, black, calcareous, with a little vein calcite
			HUNTERSVILLE CHERT (ONONDAGA LIMESTONE), 255 FEET
5590 -	5613	23	Limestone, gray and brown; also much black shale like that above and some brown silty shale
5613 -	5621	8	Chert, brown and gray, moderately calcareous
5621 -	5631	10	Chert, light-brown and gray, slightly calcareous; contains some small dolomite crystals
5631 -	5664	33	Chert, Light-gray to nearly white, slightly calcareous; contains small quartz veins
5664 -	5699	35	Chert, light-gray to nearly white; contains some silt and traces of glauconite, some small quartz veins; chert contains some dolomite rhombs and scarcely any calcite; there was a little gas at 5692' and in the sample from that depth there are a very few fractures in the chert which are not completely filled
5699 -	5773	74	Chert, gray, mostly silty, not calcareous; a little darker than most of chert in interval above; contains some small quartz veins; chert becomes darker and more impure toward bottom of this interval
5773 -	5791	18	Chert, dark-gray, shaly; contains small veins of quartz and dolomite
5791 -	5829	38	Shale, very dark gray, mostly hard and cherty; a large part of this seems to be intermediate in nature between shale and chert
5829 -	5840	11	Shale, very dark gray; has appearance much more like an ordinary shale than the rock of the interval above; a few fragments contain calcite veins and a few consist mostly of pyrite
5840 -	5845	5	Chert, gray, silty, calcareous; also much dark shale as above
			ORISKANY SANDSTONE, 117 FEET
4845 -	5933	88	Sandstone, gray, medium-grained, calcareous; most samples contain large amount of black shale, probably all cavings
5933 -	5940	7	Sandstone, gray, medium- to coarse-grained, calcareous; coarser than most of the sandstone above and contains more pyrite
5940 -	5952	12	Sandstone, gray, fine- to medium-grained, calcareous
5952 -	5954	2	Shale, dark-gray to black, with small amount of gray sandstone and a very few pieces of chert; no indications of porosity in any type of fragments (small amount of gas)
5954 -	5962	8	Sandstone, gray, medium- to fine-grained, calcareous; samples all contain large amounts of shale
			HELDERBERG LIMESTONE, 56+ FEET
5962 -	5978	16	Limestone, gray, very sandy, containing fossil shells; very small amount of chert; sand is all fine to very fine
5978 -	5985	7	Limestone, brownish-gray, sandy, cherty, and fossiliferous; one piece of chert containing sphalerite at 5978-5982'
5985 -	6000	15	Sandstone, very light gray, medium-grained, calcareous
6000 -	6007	7	Sandstone, gray, medium- to fine-grained; somewhat more calcareous than next interval above

Sandstone, gray, medium-grained, calcareous
Sandstone, gray, very fine, highly calcareous; contains fragments of fossil shells
Total depth

6007 - 6009
6009 - 6018
6018

(CONTINUED ON MARGIN)

SISLER NO. 1 WELL

Near Terra Alta, Preston County, W. Va.
By Wm. M. Sace et al.
Samples examined by J. H. C. Martens.
Record to USGS from Martens Nov. 16, 1944.

Preston 2

Top.	Bottom.	Thickness.	
4643	- 4698	45	Shale, black and very dark gray; a very few scattered limestone fragments
4698	- 4708	10	Shale, black and very dark gray, with a few pieces of light or gray fine shaly siltstone; some white vein calcite
4708	- 4712	4	Shale, grey to dark-gray; not so dark as samples from above and below
4712	- 4738	26	Shale, black and dark-gray, with a little white vein calcite
4738	- 4761	23	Shale, black and dark-gray, with a few pieces of brown to gray limestone and white vein calcite
			TULLY LIMESTONE, 25 FEET
4761	- 4789	28	Limestone, brown to gray, very fine textured, 40 to 60%; dark-gray to black shale, 60 to 40%
			HAMILTON AND GENESEE SHALES, 701 FEET
4789	- 4855	66	Shale, black and dark-gray; from 4789 to 4832' there are a few pieces of pyrite which are probably fragments of concretions; a few pieces of slickensided shale and vein calcite
4855	- 4863	8	Shale, black; appears more crumpled and slickensided than the samples above and below
4863	- 5061	198	Shale, black and dark-gray; a few pieces of white vein calcite
5061	- 5066	5	Shale, mostly dark-gray; contains some fragments which are lighter colored and more silty than the shale of the interval above
5066	- 5428	362	Shale, very dark grey to black; many samples contain fragments with small calcite or dolomite veins
5428	- 5444	16	Shale, black; some pieces are crumpled and slickensided; contains veins of calcite, dolomite, quartz, and pyrite; a few small loose salt crystals in one sample
5444	- 5551	107	Shale, very dark gray, to black; contains a little vein material mostly calcite; correction of 5 feet applied to depth at 5551'
5546	- 5590	44	Shale, black, with a little vein calcite
			ONONDAGA (HELDERBERG) LIMESTONE AND CHERT, 255 FEET
5590	- 5613	23	Limestone, gray and brown; also much black shale like that above and some brown silty shale
5613	- 5621	8	Chert, brown and gray, moderately calcareous
5621	- 5631	10	Chert, light-brown and gray, slightly calcareous; contains some small dolomite crystals
5631	- 5664	33	Chert, light-gray to nearly white, slightly calcareous; contains small quartz veins
5664	- 5699	35	Chert, light-gray to nearly white; contains some silt and traces of glauconite, some small quartz veins; chert contains some dolomite rhombs and scarcely any calcite; there was a little gas at 5692' and in the sample from that depth there are a very few fractures in the chert which are not completely filled
5699	- 5773	74	Chert, gray, mostly silty, not calcareous; a little darker than most of chert in interval above; contains some small quartz veins; chert becomes darker and more impure toward bottom of this interval
5773	- 5791	18	Chert, dark-grey; shaly; contains small veins of quartz and dolomite

(OVER)

Top.	Bottom.	Thickness.	
5791 -	5829	38	Shale, very dark gray, mostly hard and cherty; a large part of this seems to be intermediate in nature between shale and chert
5829 -	5840	11	Shale, very dark gray; has appearance much more like an ordinary shale than the rock of the interval above; a few fragments contain calcite veins and a few consist mostly of pyrite
5840 -	5845	5	Chert, gray, silty, calcareous; also much dark shale as above
			ORISKANY SANDSTONE, 117 FEET
5845 -	5933	88	Sandstone, gray, medium-grained, calcareous; most samples contain large amount of black shale, probably all cavings
5933 -	5940	7	Sandstone, gray, medium- to coarse-grained, calcareous; coarser than most of the sandstone above and contains more pyrite
5940 -	5952	12	Sandstone, gray, fine- to medium-grained, calcareous
5952 -	5954	2	Mostly dark-gray to black shale, with small amount of gray sandstone and a very few pieces of chert; can not see any indications of porosity in any type of fragments
5954 -	5967	13	Sandstone, gray, medium- to fine-grained, calcareous; samples all contain large amounts of shale, but not so much as at 5952-5956' (?)
5961-	5962	2	Shale, dark-gray (probably cavings), with a few pieces of calcareous sandstone and sandy limestone
			HELDERBERG LIMESTONE
5962 -	5978	16	Limestone, gray, very sandy, containing fossil shells; very small amount of chert; sand is all fine to very fine
5978 -	5985	7	Limestone, brownish-gray, sandy, cherty, and fossiliferous; one piece of chert containing sphalerite at 5978-5982'
5985 -	6000	15	Sandstone, very light-gray, medium-grained, calcareous
6000 -	6007	7	Sandstone, gray, medium- to fine-grained; somewhat more calcareous than next interval above
6007 -	6009	2	Sandstone, gray, medium-grained, calcareous
6009 -	6018	9	Sandstone, gray, very fine, highly calcareous, contains fragments of fossil shells
	6018		Total depth