#31830

Owner City of Pleasantville, Iowa **Sec.** 15 **Twp.** 76N **Range** 21W

Drilling Contractor Clint's Rotary Drilling Company

County Marion

Date well completed

Casing: Amount 94' **Size** 24" liner at 94'

Total Depth 755'

Casing: Amount 200' **Size** 22" liner at 294'

Yield (Gal. per min.)

Size of hole at bottom 26" drill hole to 293'
20" drill hole to 755'

Depth to water (Static water level) Changed from 60' to 262'

2016 sacks portland. 1 F 72' bond log

DEPTH IN FEET FROM	TO	KIND OF ROCK	REMARKS
0	25	Brown clay	
25	35	Yellow sandy clay	
35	50	Brown sandy clay	
50	72	Orange-brown sandy clay	
72	82	Coarse brown sandy ¼" gravel to 1"	
82	85	Coarse sand and boulders to 6"	
85	93	Blue-green clay	
93	101	Gray-green shale	
101	102	Gray limestone	
102	215	Gray shale soft	
215	222	Gray snady shale with yellow & orange chips	
222	237	Soft Black shale	
237	250	Gray shale	
250	280	Soft gray & black shale	
280	292	Gray sandy shale	
292	302	Gray sandstone	
302	315	Green shale	
315	328	Red shale	
328	370	Sandy green limey shale	
370	395	Tan & green limestone	
395	445	Tan brown limestone	
445	450	Gray shaley lime	
450	460	Gray and tan limestone	
460	472	Gray and green shale	
472	490	Light tan gray limestone	
490	517	Light tan limestone	

W-19067 is well #3

#31830

Owner Pleasantville Well Page 2

Sec. _____ **Twp.** _____ **Range** _____

Drilling Contractor _____

County _____

Date well completed _____

Casing: Amount _____ **Size** _____

Total Depth _____

Casing: Amount _____ **Size** _____

Yield (Gal. per min.) _____

Size of hole at bottom _____

Depth to water (Static water level) _____

DEPTH IN FEET FROM	TO	KIND OF ROCK	REMARKS
517	522	Green shaley lime	
522	532	Brown and green lime	
532	547	Light green shaley lime	
547	568	Green shale	
568	590	Tan brown limestone	
590	602	Green tan limestone	
602	627	Green tan and white limestone	
627	643	Tan green shaley lime	
643	665	Brown limestone	
665	715	Green shale	
715	745	Shaley tan and green lime	
745	755	Tan and gray lime	
755	770	White lime	

DEPTH IN FEET FROM	TO	KIND OF ROCK	REMARKS
770	830	Green shale	
830	884	Tan lime	
884	942	Brown lime	
942	960	Gray white lime	
960	970	Brown lime	
970	998	Gray lime	
998	1017	Brown lime	
1017	1028	Gray brown shaley lime	
1028	1037	Brown lime	
1037	1065	Tan gray lime	
1065	1090	Dark brown to brown lime	
1090	1122	Gray lime	
1122	1135	Brown lime	

#31830

Owner Pleasantville - Page 3 **Sec.** _____ **Twp.** _____ **Range** _____

Drilling Contractor _____

Date well completed _____ **County** _____

Casing: Amount _____ **Size** _____

Casing: Amount _____ **Size** _____ **Total Depth** _____

Yield (Gal. per min.) _____

Depth to water (Static water level) _____ **Size of hole at bottom** _____

DEPTH IN FEET FROM	TO	KIND OF ROCK	REMARKS
1135	1145	Gray lime	
1145	1150	Brown lime tan	
1150	1175	Gray lime	
1175	1185	Brown lime	
1185	1195	Gray lime	
1195	1260	Chirty light gray white lime	
1260	1280	Red shale and green	
1280	1295	Green shale some red	
1295	1340	Chirty lime & red shale	
1340	1355	Red & brown shale	
1355	1385	Green shale	
1385	1400	Gray shale	

DEPTH IN FEET FROM	TO	KIND OF ROCK	REMARKS
1400	1407	Light brown lime & green shale	
1407	1438	Red & green shale Some lime chips	
1438	1500	Soft brown lime	
1500	1590	Light gray brown lime	
1590	1620	Brown lime	
1620	1685	Brown chirty lime	
1685	1710	Green brown lime	
1710	1720	Brown lime	
1720	1730	Green shale and brown lime	
1730	1745	Brown lime	
1745	1775	Green brown lime	
1775	1780	Green gray	shaley lime
1780	1820	White sandstone	

#31830

Owner Pleasantville - Page 4

Sec. _____ **Twp.** _____ **Range** _____

Drilling Contractor _____

County _____

Date well completed _____

Casing: Amount _____ **Size** _____

Total Depth _____

Casing: Amount _____ **Size** _____

Yield (Gal. per min.) _____

Size of hole at bottom _____

Depth to water (Static water level) _____

DEPTH IN FEET FROM	TO	KIND OF ROCK	REMARKS
1820	1825	Brown sandy lime	
1825	1850	Tan brown lime	
1850	1860	Light tan limestone	
1860	1890	Light tan gray lime	
1890	1900	Tan lime	
1900	1915	Gray tan lime	
1915	1920	Gray chirty lime	
1920	1945	Gray tan lime	
1945	1960	Tan little chirty lime	
1960	2040	Tan little chirty lime	
2040	2090	Tan white very sandy lime	
2090	2145	light tan sandy lime	water zone 2125
2145	2160	Gray chirty lime	

DEPTH IN FEET FROM	TO	KIND OF ROCK	REMARKS
2160	2175	Tan lime	
2175	2185	Tan Gray lime	
2185	2190	Very chirty gray lime	
2190	2210	Light tan limestone	waterzone 2200
2210	2225	Tan gray chirty limestone	
2225	2270	Tan limestone	
2270	2280	Tan gray sandy limestone	
2280	2290	Very sandy gray limestone	
2290	2300	Gray chirty sandstone	
2300	2310	Chirty gray sandy limestone	
2310	2340	Light gray limestone	
2340	2365	Tan limestone	
2365	2395	Tan gray limestone	
2395	2405	Tan gray limestone	

Pleasantville #4 (1991) #31830

Notes after talking with driller

well #2 about 4 miles N. of town
well #3 (1967) – water sup. claims it has never pumped clear water. Recent pump work indicated an obstruction at about 900'

well #4 original SWL 182'
finished SWL 317'

produced a Spec. Cap. of 17.4 without acidizing. wasn't acidized.

Eng. Gardner and Assoc. in Oskaloosa.
David Nelson – engineer.

well is located about 1 blk SE of the town square, 25' S and 100' W of well #3.

Haliburton ran the cement bond log. grouted with 2016 sacks to 1872'

Samples from 1960 → TD were sent in but depth lables had washed off the plastic bags.

2-18-91 J. Gilmore.