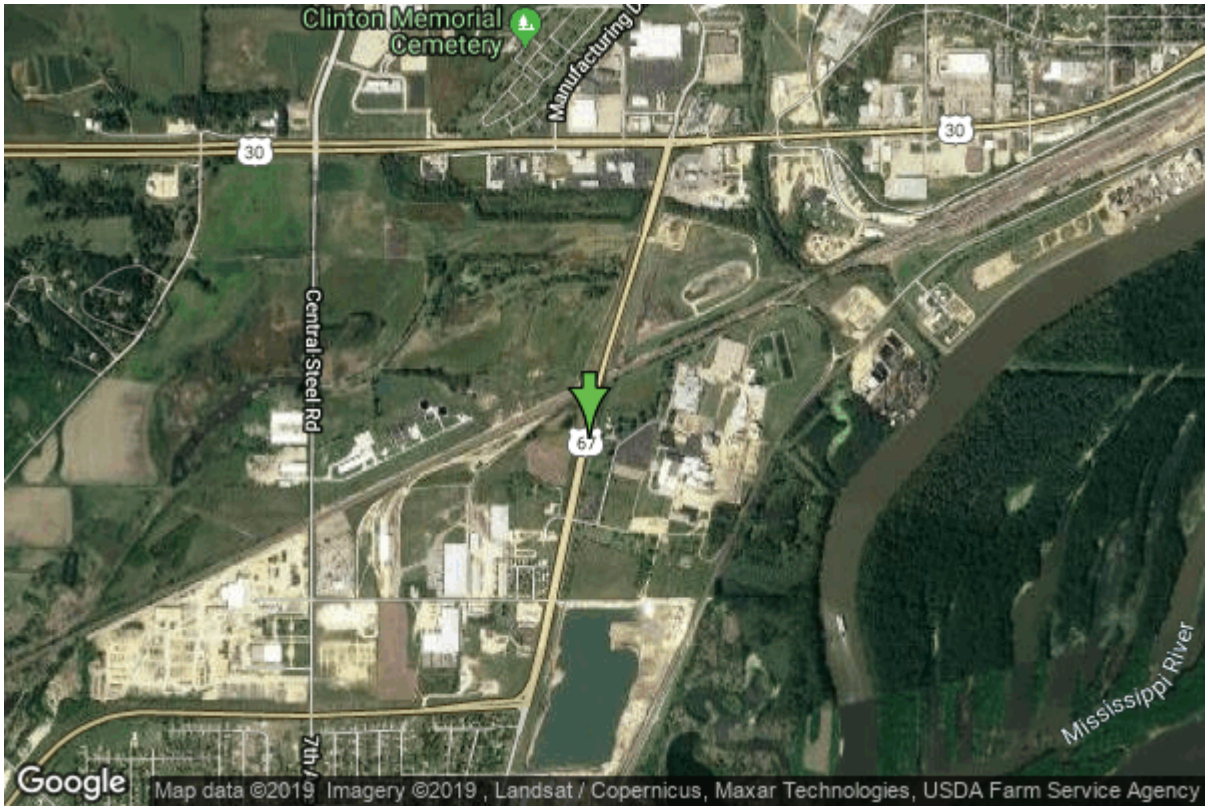
Well W#2603 Information



Date Received		**State**	Iowa
Owner Name	Clinton, City Of	**County**	Clinton
Alt Name	DUPONT #5	**Quadrangle**	Clinton, Iowa-Ill.
WNumber	2603	**Township**	T81N
PWTS ID	0	**Range**	R6E
PWS ID	2326048	**Section**	22
Storet ID	0	**Quarter**	SE NW SE
SDWIS ID	2410569	**Latitude**	41.8060350000
USGS ID	0	**Longitude**	-90.2451210000
Project	Source Water Protection	**Accuracy**	
Operator	Unknown	**UTM X**	728854
		UTM Y	4631910

Site Type	Drilled hole	**Drilling Company**	Varner Well Co.
Well Status	Standby	**Drilling Date**	07/27/1958
Field Located	No	**Drilling Method**	Cable
Elevation	588 ft	**Bedrock Depth**	7 ft
Elevation Accuracy	Topo Map Accurate to 2 ft	**Well Depth**	1800 ft
		Total Depth	3216 ft
Landscape Position	Valley	**Well Types**	Municipal, Public Supply
		Aquifers	Cambrian (blw St. Lawrence), Cambrian-Ordovician

Hole Construction Information

Date	03/27/1947		
Diameter	24.00 in	**Depth**	26.00 ft
Comments			

Date	03/27/1947		
Diameter	23.00 in	**Depth**	238.00 ft
Comments			

Date	03/27/1947		
Diameter	19.00 in	**Depth**	786.00 ft
Comments			

Date	03/27/1947		
Diameter	15.25 in	**Depth**	1655.00 ft
Comments			

Casing Construction Information

Date	03/27/1947	**Casing Type**	Steel
Start Depth	0.00 ft	**End Depth**	238.00 ft
Diameter	20.00 in	**Amount**	238.00 ft
Comments	Casing information received from Iowa DNR on 3/9/2016.		

Date	03/27/1947	**Casing Type**	Steel
Start Depth	658.00 ft	**End Depth**	783.00 ft
Diameter	16.00 in	**Amount**	125.00 ft
Comments			

Date		**Casing Type**	Unknown
Start Depth	0.00 ft	**End Depth**	1157.00 ft
Diameter	0.00 in	**Amount**	1157.00 ft
Comments			

Grout Construction Information

Date	03/27/1947		
Grout Type	Cement	**Grout Placement**	Unknown
Start Depth	0.00 ft	**End Depth**	783.00 ft
Comments			

Log Information

Date	05/01/1947
Log Types	Strip log
Prepared By	Dietrich, Richard Vincent
Comments	

Date	01/01/1947
Log Types	Pump Test
Prepared By	
Comments	

Date	11/20/1946
Log Types	Strip log
Prepared By	Harris Jr., Stanley E.
Comments	

Date	08/06/1946
Log Types	Drillers log
Prepared By	Varner Well Co.
Comments	

Date	
Log Types	Unknown
Prepared By	Unknown
Comments	Casing information received from Iowa DNR on 3/9/2016.

Stratigraphy Information

System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	**End Depth**	7.00 ft
Contact Accuracy			
Penetration			
Primary Lithology		**Percent**	
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Silurian
Series	
Group	
Formation	Hopkinton

Member			
Submember			
Start Depth	7.00 ft	**End Depth**	125.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Silurian		
Series			
Group			
Formation	Blanding		
Member			
Submember			
Start Depth	125.00 ft	**End Depth**	145.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Silurian		
Series			
Group			
Formation	Mosalem		
Member			
Submember			
Start Depth	145.00 ft	**End Depth**	160.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member			
Submember			
Start Depth	160.00 ft	**End Depth**	380.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Shale	**Percent**	0

Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dubuque		
Member			
Submember			
Start Depth	380.00 ft	**End Depth**	415.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Wise Lake		
Member			
Submember			
Start Depth	415.00 ft	**End Depth**	485.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dunleith		
Member			
Submember			
Start Depth	485.00 ft	**End Depth**	610.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician
Series	
Group	Galena
Formation	Decorah/Platteville Undiff.

Member			
Submember			
Start Depth	610.00 ft	**End Depth**	716.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Limestone	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member			
Submember			
Start Depth	716.00 ft	**End Depth**	735.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member			
Submember			
Start Depth	735.00 ft	**End Depth**	780.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member			
Submember			
Start Depth	780.00 ft	**End Depth**	985.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	0
Secondary Lithology	Sandstone	**Percent**	0

Tertiary Lithology		**Percent**	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Oneota		
Member			
Submember			
Start Depth	985.00 ft	**End Depth**	1150.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Cambrian		
Series			
Group			
Formation	Jordan		
Member			
Submember			
Start Depth	1150.00 ft	**End Depth**	1250.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Cambrian		
Series			
Group			
Formation	St. Lawrence		
Member			
Submember			
Start Depth	1250.00 ft	**End Depth**	1390.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Cambrian		
Series			
Group	Tunnel City		
Formation	Lone Rock		

Member			
Submember			
Start Depth	1390.00 ft	**End Depth**	1480.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Cambrian		
Series			
Group	Tunnel City		
Formation	Wonewoc		
Member			
Submember			
Start Depth	1480.00 ft	**End Depth**	1630.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Cambrian		
Series			
Group	Tunnel City		
Formation	Eau Claire		
Member			
Submember			
Start Depth	1630.00 ft	**End Depth**	1875.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	**Percent**	0
Secondary Lithology	Shale	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Cambrian		
Series			
Group	Tunnel City		
Formation	Mt. Simon		
Member			
Submember			
Start Depth	1875.00 ft	**End Depth**	3204.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	**Percent**	100
Secondary Lithology		**Percent**	

Tertiary Lithology		**Percent**	
Comments			

System	Proterozoic		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	3204.00 ft	**End Depth**	3216.00 ft
Contact Accuracy			
Penetration			
Primary Lithology		**Percent**	
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

Water Production Information

Date	01/01/1959	**Start Time**	
Aquifer	Unknown		
Static Water Level	165.00 ft	**Yield**	3233 gallons per minute
Pumping Water Level	299 ft	**Yield Method**	Unknown
Measurement	Unknown	**Pump Test**	Yes
Pump Method	Unknown	**Duration**	0 mins
Comments			

Date	03/25/1947	**Start Time**	
Aquifer	Unknown		
Static Water Level	73.00 ft	**Yield**	1519 gallons per minute
Pumping Water Level	191 ft	**Yield Method**	Unknown
Measurement	Unknown	**Pump Test**	Yes
Pump Method	Pumped	**Duration**	2655 mins
Comments			

Chip Storage Information

Date			
Storage	CA1-1->3; CA10-1,2; EE8-13-15	**Bin**	
Number of Boxes	8	**Number of Samples**	316
Sample Intervals	0	**Sample Gaps**	MANY GAPS
Sample Top	7 ft	**Sample Bottom**	3215 ft
Washed Top	7 ft	**Washed Bottom**	3215 ft
Duplicate Storage			
Comments			

https://www.iihr.uiowa.edu/igs/geosam/well/2603/general-information