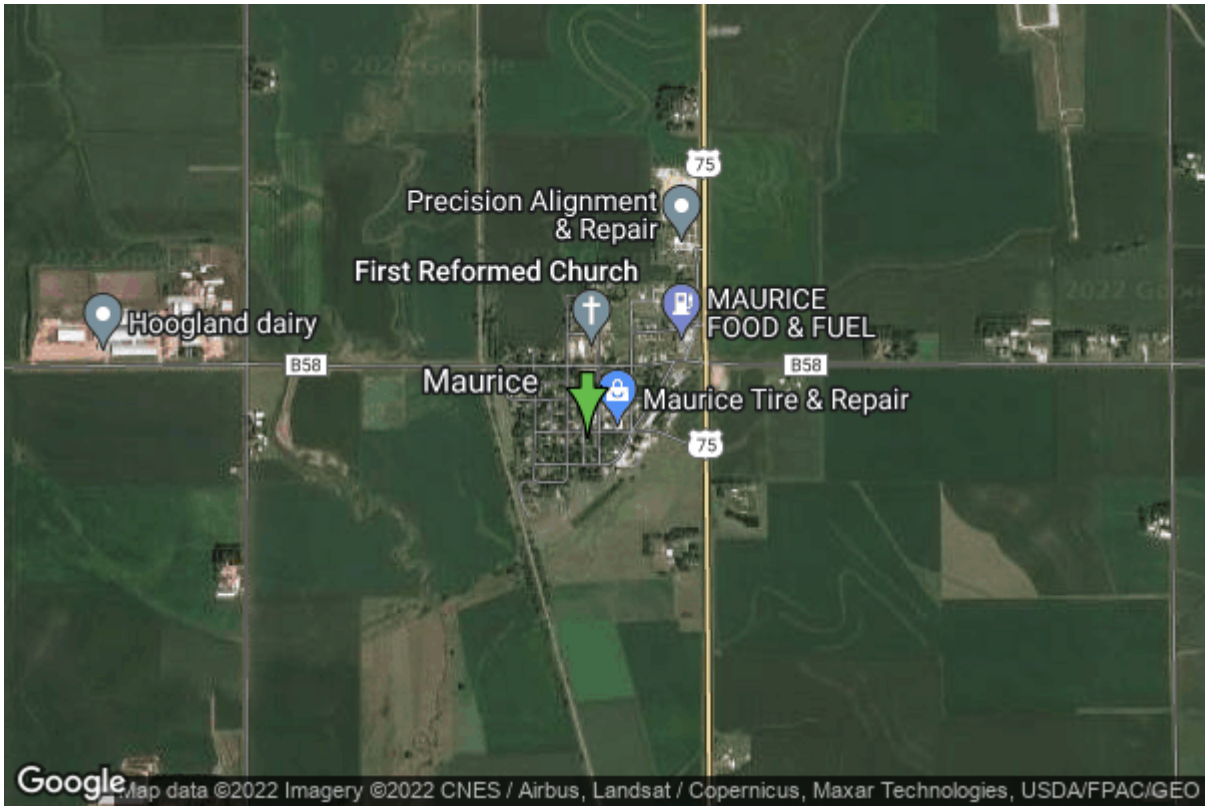
Well W#111 Information



Date Received		**State**	Iowa
Owner Name	Maurice, City Of	**County**	Sioux
Alt Name		**Quadrangle**	Maurice, Iowa
WNumber	111	**Township**	T94N
PWTS ID	0	**Range**	R45W
PWS ID	8458057	**Section**	17
Storet ID	0	**Quarter**	NE NE SW
SDWIS ID	0	**Latitude**	42.9654200000
USGS ID	0	**Longitude**	-96.1797400000
Project	Source Water Protection	**Accuracy**	
Operator	Unknown	**UTM X**	240670
		UTM Y	4761882

Site Type	Drilled hole	**Drilling Company**	Unknown
Well Status	Not Used	**Drilling Date**	07/05/1939
Field Located	No	**Drilling Method**	Unknown
Elevation	1314 ft	**Bedrock Depth**	205 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	**Well Depth**	234 ft
		Total Depth	234 ft
Landscape Position	Unknown	**Well Types**	Municipal
		Aquifers	Dakota/Cretaceous

Casing Construction Information

Date	07/05/1939	**Casing Type**	Steel
Start Depth	0.00 ft	**End Depth**	0.00 ft

Diameter	6.00 in	**Amount**	231.40 ft
Comments			

Pump Construction Information

Date	07/05/1939	**Pump Type**	Turbine
Diameter	0.00 in	**Rating**	0
Depth Intake	210.00 ft		
Comments			

Log Information

Date	
Log Types	Unknown
Prepared By	Unknown
Comments	

Date	
Log Types	Strip log
Prepared By	Unknown
Comments	

Stratigraphy Information

System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	**End Depth**	18.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Soil Or Fill	**Percent**	100
Secondary Lithology	Unknown	**Percent**	0
Tertiary Lithology	Unknown	**Percent**	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	18.00 ft	**End Depth**	33.00 ft
Contact Accuracy			

Penetration			
Primary Lithology	Till - Oxidized And Unleached	**Percent**	50
Secondary Lithology	Sand And Gravel	**Percent**	50
Tertiary Lithology	Unknown	**Percent**	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	33.00 ft	**End Depth**	135.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	135.00 ft	**End Depth**	143.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Unleached	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	143.00 ft	**End Depth**	167.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	**Percent**	100
Secondary Lithology		**Percent**	

Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	167.00 ft	**End Depth**	176.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	176.00 ft	**End Depth**	180.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Silt	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	180.00 ft	**End Depth**	200.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			

Member			
Submember			
Start Depth	200.00 ft	**End Depth**	205.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand And Gravel	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Cretaceous		
Series			
Group	Fort Benton ("Lower Colorado ")		
Formation	Graneros Shale		
Member			
Submember			
Start Depth	205.00 ft	**End Depth**	214.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	**Percent**	100
Secondary Lithology	Unknown	**Percent**	0
Tertiary Lithology	Unknown	**Percent**	0
Comments			

System	Cretaceous		
Series			
Group	Fort Benton ("Lower Colorado ")		
Formation	Dakota		
Member	Nishnabotna		
Submember			
Start Depth	214.00 ft	**End Depth**	234.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

Water Production Information

Date	07/05/1939	**Start Time**	
Aquifer	Unknown		
Static Water Level	114.00 ft	**Yield**	55 gallons per minute
Pumping Water Level	174 ft	**Yield Method**	Unknown
Measurement	Unknown	**Pump Test**	Yes
Pump Method	Unknown	**Duration**	0 mins
Comments			

Date	07/05/1939	**Start Time**	01:00
Aquifer	Unknown		
Static Water Level	114.00 ft	**Yield**	36 gallons per minute
Pumping Water Level	124 ft	**Yield Method**	Unknown
Measurement	Unknown	**Pump Test**	Yes
Pump Method	Unknown	**Duration**	0 mins
Comments			

Chip Storage Information

Date			
Storage	WB3-1	**Bin**	
Number of Boxes	1	**Number of Samples**	16
Sample Intervals	0	**Sample Gaps**	0-18, 143-146
Sample Top	18 ft	**Sample Bottom**	234 ft
Washed Top	0 ft	**Washed Bottom**	0 ft
Duplicate Storage			
Comments			

https://www.iihr.uiowa.edu/igs/geosam/well/111/general-information