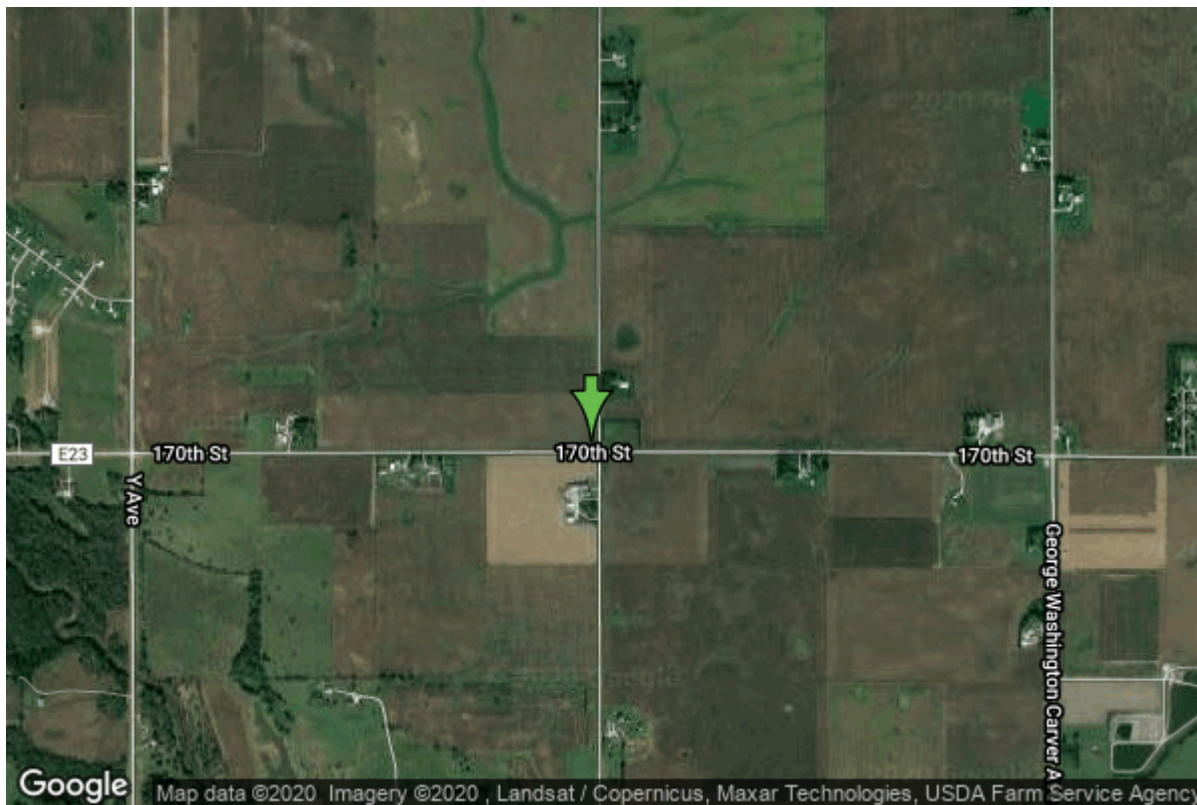


Well W#39923 Information



Date Received		State	Iowa
Owner Name	Gilbert, City Of	County	Story
Alt Name	#3	Quadrangle	Ames West, Iowa
WNumber	39923	Township	T84N
PWTS ID	0	Range	R24W
PWS ID	8531083	Section	5
Storet ID	0	Quarter	SW SW SW
SDWIS ID	2412658	Latitude	42.1073100000
USGS ID	0	Longitude	-93.6783500000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	443915
		UTM Y	4661913

Site Type	Drilled hole	Drilling Company	Layne Western - Ia.
Well Status	Active	Drilling Date	04/02/1972
Field Located	No	Drilling Method	Auger
Elevation	960 ft	Bedrock Depth	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	157 ft
Landscape Position	Level Surface	Total Depth	161 ft
		Well Types	Municipal, Public Supply
		Aquifers	Pleistocene

Hole Construction Information

Date	04/02/1972	Depth	20.00 ft
Diameter	48.00 in		

Comments

Date	04/02/1972	Depth	161.00 ft
Diameter	42.00 in		
Comments			

Casing Construction Information

Date	04/02/1972	Casing Type	Steel
Start Depth	-5.00 ft	End Depth	98.00 ft
Diameter	16.00 in	Amount	103.00 ft
Comments			

Date	04/02/1972	Casing Type	Steel
Start Depth	133.00 ft	End Depth	152.00 ft
Diameter	16.00 in	Amount	19.00 ft
Comments			

Screen Construction Information

Date	04/02/1972	Slot Size	0.00
Screen Type	Steel	End Depth	133.00 ft
Start Depth	98.00 ft	Amount	35 ft
Diameter	16.00 in		
Comments	type 18-8		

Date	04/02/1972	Slot Size	0.00
Screen Type	Steel	End Depth	157.00 ft
Start Depth	152.00 ft	Amount	5 ft
Diameter	16.00 in		
Comments	type 18-8		

Grout Construction Information

Date	04/02/1972	Grout Placement	Unknown
Grout Type	Cement	End Depth	20.00 ft
Start Depth	0.00 ft		
Comments			

Date	04/02/1972	Grout Placement	Unknown
Grout Type	Bentonite (Clay)	End Depth	80.00 ft
Start Depth	20.00 ft		
Comments			

Pump Construction Information

Date	04/29/1993	Pump Type	Submersible
Diameter	6.00 in	Rating	15
Depth Intake	0.00 ft		
Comments	scheduled maintenance see pdf for pump details		

Log Information

Date	04/02/1972
Log Types	Drillers log
Prepared By	Layne Western - Ia.
Comments	

Formation Information

Formation Color	Black	Formation Lithology	soil or fill
Start Depth	0.00 ft	End Depth	4.00 ft
Comments			
Formation Color	Gray	Formation Lithology	clay
Start Depth	4.00 ft	End Depth	9.00 ft
Comments			
Formation Color	Blue	Formation Lithology	till
Start Depth	9.00 ft	End Depth	91.00 ft
Comments			
Formation Color	Gray	Formation Lithology	sand and gravel
Start Depth	91.00 ft	End Depth	132.00 ft
Comments			
Formation Color	Blue	Formation Lithology	clay and gravel
Start Depth	132.00 ft	End Depth	151.00 ft
Comments			
Formation Color	Gray	Formation Lithology	gravel
Start Depth	151.00 ft	End Depth	155.00 ft
Comments			
Formation Color	Blue	Formation Lithology	till
Start Depth	155.00 ft	End Depth	161.00 ft
Comments			

Water Production Information

Date	03/29/1972	Start Time	08:00
Aquifer	Quaternary		
Static Water Level	12.00 ft	Yield	316 gallons per minute
Pumping Water Level	19 ft	Yield Method	Orifice
Measurement	Airline	Pump Test	Yes
Pump Method	Pumped	Duration	1440 mins
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/39923/general-information>