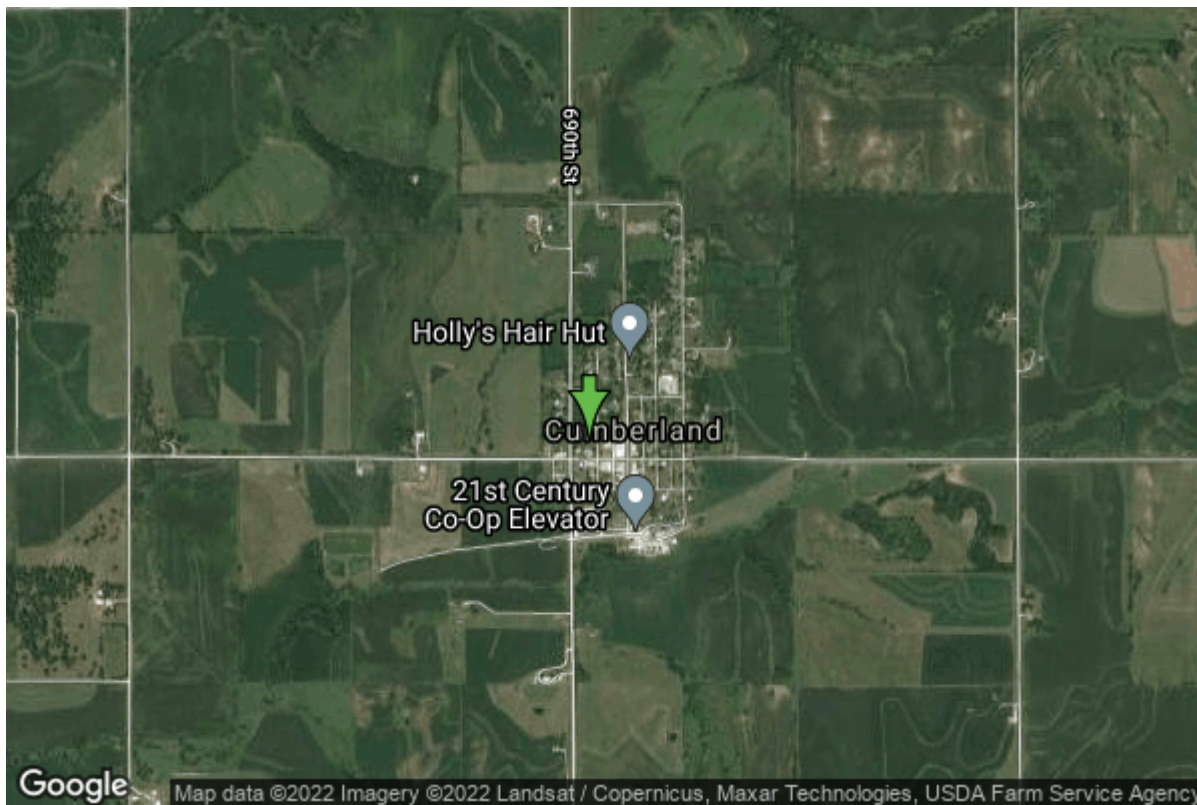


Well W#56820 Information



Date Received	12/20/2002	State	Iowa
Owner Name	Cumberland, City Of	County	Cass
Alt Name	WELL# 6	Quadrangle	Massena, Iowa
WNumber	56820	Township	T75N
PWTS ID	0	Range	R35W
PWS ID	1516093	Section	22
Storet ID	0	Quarter	SW SW SW
SDWIS ID	2584322	Latitude	41.2737300000
USGS ID	0	Longitude	-94.8714380000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	343258
		UTM Y	4570833

Site Type	Drilled hole	Drilling Company	Layne Western - Ia.
Well Status	Active	Drilling Date	08/27/2002
Field Located	No	Drilling Method	Other
Elevation	1292 ft	Bedrock Depth	177 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	205 ft
Landscape Position	Hillside	Total Depth	205 ft
		Well Types	Municipal, Public Supply
		Aquifers	Dakota/Cretaceous, Pleistocene

Hole Construction Information

Date	08/27/2002		
Diameter	23.00 in	Depth	205.00 ft
Comments			

Casing Construction Information

Date	08/27/2002	Casing Type	Unknown
Start Depth	7.00 ft	End Depth	185.00 ft
Diameter	8.00 in	Amount	178.00 ft
Comments			

Date	08/27/2002	Casing Type	Unknown
Start Depth	-1.50 ft	End Depth	7.00 ft
Diameter	8.00 in	Amount	8.50 ft
Comments			

Screen Construction Information

Date	08/27/2002		
Screen Type	Unknown	Slot Size	0.03
Start Depth	185.00 ft	End Depth	205.00 ft
Diameter	8.00 in	Amount	20 ft
Comments			

Grout Construction Information

Date	08/27/2002		
Grout Type	Cement	Grout Placement	Unknown
Start Depth	10.00 ft	End Depth	145.00 ft
Comments			

Gravel Pack Construction Information

Date	08/27/2002		
Gravel Pack Type	Unknown	Slot Size	
Start Depth	145.00 ft	End Depth	205.00 ft
Comments			

Pump Construction Information

Date	08/27/2002	Pump Type	Submersible
Diameter	5.00 in	Rating	100

Depth Intake 190.00 ft
Comments

Log Information

Date 08/27/2002
Log Types Drillers log
Prepared By Layne Western - Ia.
Comments

Water Production Information

Date	08/27/2002	Start Time	16:00
Aquifer	Bedrock		
Static Water Level	118.00 ft	Yield	91 gallons per minute
Pumping Water Level	173 ft	Yield Method	Orifice
Measurement	Electric Line	Pump Test	Yes
Pump Method	Bailed	Duration	800 mins
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/56820/general-information>