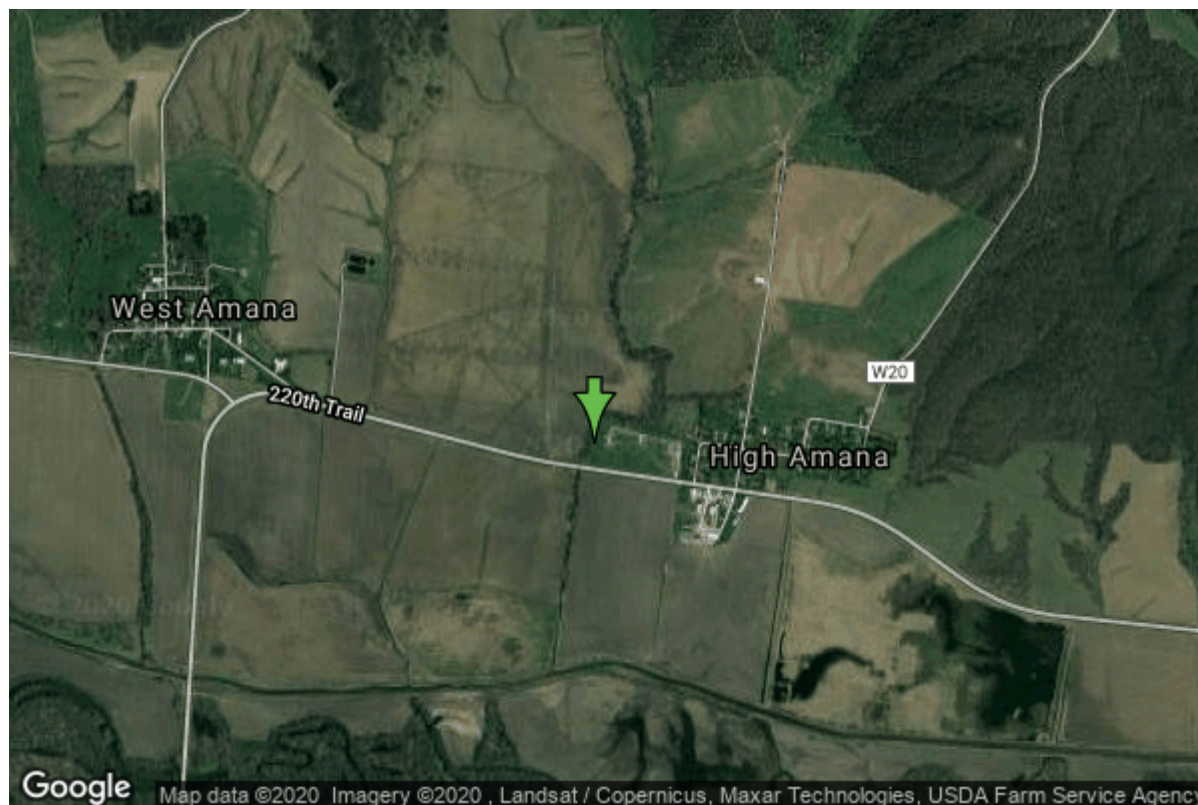


Well W#89456 Information



Date Received	08/02/2018	State	Iowa
Owner Name	High and West Amana Water Supply	County	Iowa
Alt Name	Well #12; High Field	Quadrangle	Middle Amana, Iowa
WNumber	89456	Township	T81N
PWTS ID	0	Range	R9W
PWS ID	4880087	Section	19
Storet ID	0	Quarter	SW SW SW
SDWIS ID	0	Latitude	41.8036765800
USGS ID	0	Longitude	-91.9463762000
Project		Accuracy	
Operator		UTM X	587527
		UTM Y	4628516

Site Type	Drilled hole	Drilling Company	Cahoy Inc.
Well Status	Active	Drilling Date	06/11/2018
Field Located	No	Drilling Method	Auger
Elevation	734 ft	Bedrock Depth	0 ft
Elevation Accuracy	Topo Map Accurate to 2 ft	Well Depth	38 ft
Landscape Position	Unknown	Total Depth	38 ft
		Well Types	Public Supply
		Aquifers	

Hole Construction Information

Date	06/11/2018	Depth	38.00 ft
Diameter	24.00 in		

Comments

Casing Construction Information

Date	06/11/2018	Casing Type	Steel
Start Depth	-2.30 ft	End Depth	27.00 ft
Diameter	10.00 in	Amount	30.30 ft
Comments			

Screen Construction Information

Date	06/11/2018	Slot Size	0.03
Screen Type	Steel	End Depth	37.00 ft
Start Depth	27.00 ft	Amount	10 ft
Diameter	10.00 in		
Comments			

Grout Construction Information

Date	06/11/2018	Grout Placement	Tremie
Grout Type	Cement	End Depth	19.00 ft
Start Depth	3.00 ft		
Comments			

Gravel Pack Construction Information

Date	06/15/2018	Slot Size	
Gravel Pack Type	Unknown	End Depth	38.00 ft
Start Depth	21.50 ft		
Comments			

Log Information

Date	06/20/2018
Log Types	Pump Test
Prepared By	Cahoy Inc.
Comments	

Date	06/11/2018
Log Types	Drillers log
Prepared By	Cahoy Inc.
Comments	

Formation Information

Formation Color	No Color Noted	Formation Lithology	soil or fill
Start Depth	0.00 ft	End Depth	1.00 ft
Comments			
Formation Color	Brown	Formation Lithology	clay
Start Depth	1.00 ft	End Depth	10.00 ft
Comments			
Formation Color	Brown	Formation Lithology	clay and sand
Start Depth	10.00 ft	End Depth	15.00 ft
Comments			
Formation Color	Brown	Formation Lithology	clay and sand
Start Depth	15.00 ft	End Depth	17.00 ft
Comments			
Formation Color	Brown	Formation Lithology	sand
Start Depth	17.00 ft	End Depth	25.00 ft
Comments			
Formation Color	Brown	Formation Lithology	sand
Start Depth	25.00 ft	End Depth	37.50 ft
Comments			
Formation Color	Gray	Formation Lithology	shale
Start Depth	37.50 ft	End Depth	38.00 ft
Comments			

Water Production Information

Date	06/20/2018	Start Time	
Aquifer	Alluvium		
Static Water Level	18.20 ft	Yield	85 gallons per minute
Pumping Water Level	22 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	Yes
Pump Method	Unknown	Duration	1290 mins
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/89456/general-information>