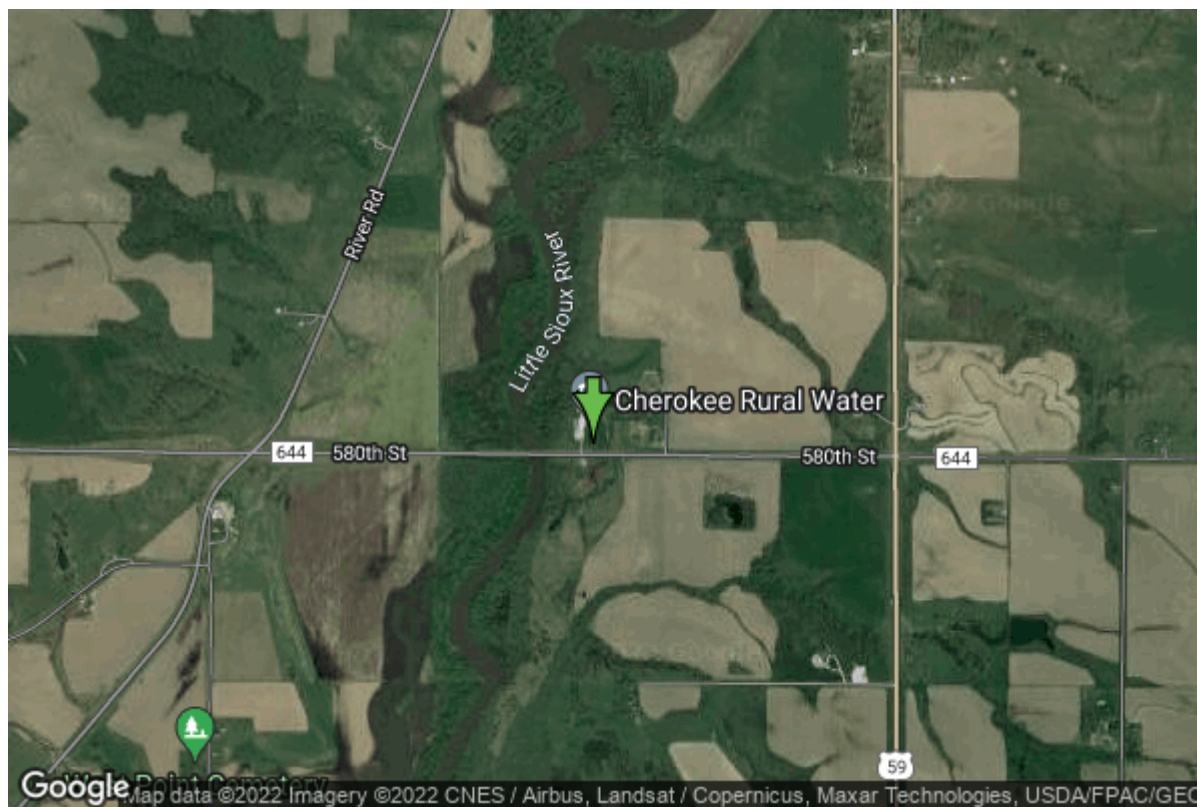


Well W#76142 Information



Date Received	07/18/2013	State	Iowa
Owner Name	Cherokee Rwd	County	Cherokee
Alt Name		Quadrangle	Cherokee South, Iowa
WNumber	76142	Township	T91N
PWTS ID	0	Range	R40W
PWS ID	1811001	Section	21
Storet ID	0	Quarter	SE SE SE
SDWIS ID	2589145	Latitude	42.6774790000
USGS ID	0	Longitude	-95.5667850000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	289689
		UTM Y	4728195

Site Type	Drilled hole	Drilling Company	Charles Sargent Irrigation Company
Well Status	Primary	Drilling Date	04/11/2012
Field Located	No	Drilling Method	Unknown
Elevation	1196 ft	Bedrock Depth	111 ft
Elevation Accuracy	Topo Map Accurate to 2 ft	Well Depth	241 ft
Landscape Position	Unknown	Total Depth	280 ft
		Well Types	Public Supply
		Aquifers	Dakota/Cretaceous

Hole Construction Information

Date	04/11/2012		
Diameter	30.00 in	Depth	241.00 ft
Comments			

Casing Construction Information

Date	04/11/2012	Casing Type	PVC
Start Depth	0.00 ft	End Depth	180.00 ft
Diameter	16.00 in	Amount	180.00 ft
Comments			

Screen Construction Information

Date	04/11/2012		
Screen Type	Steel	Slot Size	0.04
Start Depth	180.00 ft	End Depth	241.00 ft
Diameter	16.00 in	Amount	61 ft
Comments			

Grout Construction Information

Date	04/11/2012		
Grout Type	Bentonite (Clay)	Grout Placement	Unknown
Start Depth	130.00 ft	End Depth	140.00 ft
Comments			

Date	04/11/2012		
Grout Type	Neat Cement	Grout Placement	Unknown
Start Depth	0.00 ft	End Depth	130.00 ft
Comments			

Gravel Pack Construction Information

Date	04/11/2012		
Gravel Pack Type	Unknown	Slot Size	
Start Depth	140.00 ft	End Depth	241.00 ft
Comments	chlorinated		

Pump Construction Information

Date	04/11/2012	Pump Type	Unknown
Diameter	8.00 in	Rating	0

Depth Intake 120.00 ft
Comments Goulds type pump

Log Information

Date 04/11/2012
Log Types Drillers log
Prepared By Charles Sargent Irrigation Company
Comments

Water Production Information

Date	07/01/2015	Start Time	
Aquifer		Yield	500 gallons per minute
Static Water Level	54.00 ft	Yield Method	Unknown
Pumping Water Level	81 ft	Pump Test	No
Measurement	Unknown	Duration	0 mins
Pump Method	Unknown		
Comments			

Date	04/11/2012	Start Time	
Aquifer	Unknown	Yield	800 gallons per minute
Static Water Level	55.00 ft	Yield Method	Unknown
Pumping Water Level	90 ft	Pump Test	Yes
Measurement	Unknown	Duration	1440 mins
Pump Method	Unknown		
Comments			

Chip Storage Information

Date	07/19/2013	Bin	
Storage	OD6-634	Number of Samples	12
Number of Boxes	1	Sample Gaps	0-180, 241-280
Sample Intervals	5	Sample Bottom	241 ft
Sample Top	180 ft	Washed Bottom	241 ft
Washed Top	180 ft		
Duplicate Storage			
Comments			

<https://www.ihr.uiowa.edu/igs/geosam/well/76142/general-information>