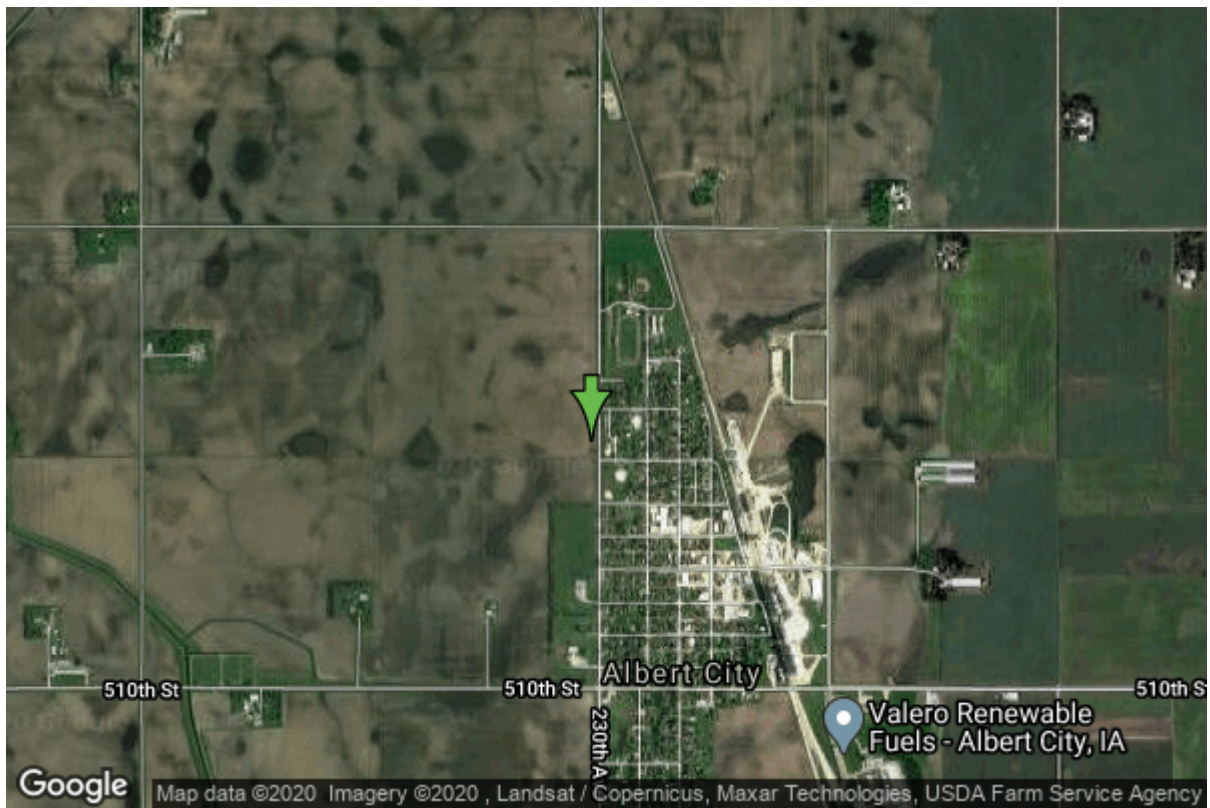


Well W#56835 Information



Date Received		State	Iowa
Owner Name	Albert City, City Of	County	Buena Vista
Alt Name	#3	Quadrangle	Albert City, Iowa
WNumber	56835	Township	T92N
PWTS ID	0	Range	R35W
PWS ID	1103009	Section	14
Storet ID	31110002	Quarter	NW SW SW
SDWIS ID	2583281	Latitude	42.7856450000
USGS ID	424708094570901	Longitude	-94.9529210000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	340266
		UTM Y	4738861

Site Type	Drilled hole	Drilling Company	Middendorff Well Co.
Well Status	Active	Drilling Date	04/02/2002
Field Located	No	Drilling Method	Rotary
Elevation	1315 ft	Bedrock Depth	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	186 ft
Landscape Position	Upland	Total Depth	186 ft
		Well Types	Municipal, Public Supply
		Aquifers	Pleistocene

Hole Construction Information

Date	04/02/2002	Depth	186.00 ft
Diameter	1.50 in		

Comments

Casing Construction Information

Date	04/02/2002	Casing Type	PVC
Start Depth	1.50 ft	End Depth	171.00 ft
Diameter	0.67 in	Amount	172.50 ft
Comments			

Screen Construction Information

Date	04/02/2002	Slot Size	0.03
Screen Type	Steel	End Depth	176.00 ft
Start Depth	171.00 ft	Amount	5 ft
Diameter	0.67 in		
Comments			

Date	04/02/2002	Slot Size	0.06
Screen Type	Steel	End Depth	186.00 ft
Start Depth	176.00 ft	Amount	10 ft
Diameter	0.67 in		
Comments			

Grout Construction Information

Date	04/02/2002	Grout Placement	Tremie
Grout Type	Bentonite (Clay)	End Depth	1160.00 ft
Start Depth	6.00 ft		
Comments	log says 1,085 gallons		

Gravel Pack Construction Information

Date	04/02/2002	Slot Size	
Gravel Pack Type	Red Flint	End Depth	188.00 ft
Start Depth	160.00 ft		
Comments	log says #20 red flint 3,000 pounds		

Pump Construction Information

Date	04/10/2002	Pump Type	Submersible
Diameter	0.50 in	Rating	196
Depth Intake	93.00 ft		
Comments	log says 93 ft of air line		

Log Information

Date 04/10/2002
Log Types Drillers log
Prepared By Middendorff Well Co.
Comments

Formation Information

Formation Color	No Color Noted	Formation Lithology	soil or fill
Start Depth	0.00 ft	End Depth	2.00 ft
Comments			
Formation Color	Yellow	Formation Lithology	clay
Start Depth	2.00 ft	End Depth	16.00 ft
Comments			
Formation Color	Blue	Formation Lithology	clay
Start Depth	16.00 ft	End Depth	80.00 ft
Comments			
Formation Color	Blue	Formation Lithology	clay and gravel
Start Depth	80.00 ft	End Depth	100.00 ft
Comments			
Formation Color	No Color Noted	Formation Lithology	clay
Start Depth	100.00 ft	End Depth	125.00 ft
Comments			
Formation Color	No Color Noted	Formation Lithology	clay and gravel
Start Depth	125.00 ft	End Depth	140.00 ft
Comments			
Formation Color	No Color Noted	Formation Lithology	clay and gravel
Start Depth	140.00 ft	End Depth	164.00 ft
Comments			
Formation Color	No Color Noted	Formation Lithology	sand
Start Depth	164.00 ft	End Depth	175.00 ft
Comments			
Formation Color	No Color Noted	Formation Lithology	gravel
Start Depth	175.00 ft	End Depth	186.00 ft
Comments			

Water Production Information

Date	04/10/2002	Start Time	
Aquifer	Quaternary		
Static Water Level	37.00 ft	Yield	275 gallons per minute
Pumping Water Level	42 ft	Yield Method	Volumetric
Measurement	Electric Line	Pump Test	No
Pump Method	Airlifted	Duration	0 mins
Comments	log says measurements taken at 03:15		

<https://www.iuhr.uiowa.edu/igs/geosam/well/56835/general-information>