

Well W#89714 Information



Date Received		State	Iowa
Owner Name	Iowa Dept. of Natural Resources	County	Linn
Alt Name	Palisades-Kepler St. Park; Park office	Quadrangle	Bertram, Iowa
WNumber	89714	Township	T82N
PWTS ID	0	Range	R6W
PWS ID	5751945	Section	14
Storet ID	0	Quarter	NE SE SW
SDWIS ID	0	Latitude	41.9109830800
USGS ID	0	Longitude	-91.5039168900
Project Operator		Accuracy	
		UTM X	624076
		UTM Y	4640975

Site Type	Drilled hole	Drilling Company	Gingerich Well Co.
Well Status	Active	Drilling Date	09/21/2018
Field Located	No	Drilling Method	Rotary
Elevation	885 ft	Bedrock Depth	105 ft
Elevation Accuracy	Topo Map Accurate to 2 ft	Well Depth	440 ft
Landscape Position	Unknown	Total Depth	440 ft
		Well Types	Public Supply
		Aquifers	

Hole Construction Information

Date	09/21/2018	Depth	440.00 ft
Diameter	7.88 in		
Comments			

Date	09/21/2018	Depth	255.00 ft
Diameter	13.00 in		
Comments			

Date	09/21/2018	Depth	108.00 ft
Diameter	16.00 in		
Comments			

Casing Construction Information

Date	09/21/2018	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	255.00 ft
Diameter	8.63 in	Amount	257.00 ft
Comments			

Grout Construction Information

Date	09/21/2018	Grout Placement	Unknown
Grout Type	Cement	End Depth	255.00 ft
Start Depth	0.00 ft		
Comments			

Log Information

Date	10/04/2018
Log Types	Pump Test
Prepared By	Unknown
Comments	

Date	09/21/2018
Log Types	Drillers log
Prepared By	Gingerich Well Co.
Comments	

Formation Information

Formation Color	Brown	Formation Lithology	clay
Start Depth	0.00 ft	End Depth	80.00 ft

Comments

Formation Color	Blue	Formation Lithology	clay
Start Depth	80.00 ft	End Depth	105.00 ft
Comments			

Formation Color	Yellow	Formation Lithology	limestone
Start Depth	105.00 ft	End Depth	130.00 ft
Comments			

Formation Color	Yellow	Formation Lithology	shale
Start Depth	130.00 ft	End Depth	131.00 ft
Comments			

Formation Color	Yellow	Formation Lithology	limestone
Start Depth	131.00 ft	End Depth	150.00 ft
Comments			

Formation Color	Yellow	Formation Lithology	limestone and shale
Start Depth	150.00 ft	End Depth	180.00 ft
Comments			

Formation Color	Yellow	Formation Lithology	limestone
Start Depth	180.00 ft	End Depth	233.00 ft
Comments			

Formation Color	Yellow	Formation Lithology	shale
Start Depth	223.00 ft	End Depth	225.00 ft
Comments			

Formation Color	Yellow	Formation Lithology	limestone
Start Depth	225.00 ft	End Depth	243.00 ft
Comments			

Formation Color	Gray	Formation Lithology	limestone and shale
Start Depth	243.00 ft	End Depth	248.00 ft
Comments			

Formation Color	Yellow	Formation Lithology	limestone
Start Depth	248.00 ft	End Depth	300.00 ft
Comments			

Formation Color	White	Formation Lithology	limestone
Start Depth	300.00 ft	End Depth	310.00 ft
Comments			

Formation Color	Gray	Formation Lithology	limestone
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Start Depth	310.00 ft	End Depth	375.00 ft
Comments			
Formation Color	Tan	Formation Lithology	limestone
Start Depth	375.00 ft	End Depth	438.00 ft
Comments			
Formation Color	Green	Formation Lithology	shale
Start Depth	438.00 ft	End Depth	440.00 ft
Comments			

Water Production Information

Date	10/04/2018	Start Time	09:45
Aquifer	Unknown	Yield	70 gallons per minute
Static Water Level	162.00 ft	Yield Method	Unknown
Pumping Water Level	281 ft	Pump Test	Yes
Measurement	Unknown	Duration	1470 mins
Pump Method	Pumped		
Comments			

Date	09/21/2018	Start Time	
Aquifer	Unknown	Yield	70 gallons per minute
Static Water Level	162.00 ft	Yield Method	Estimate
Pumping Water Level	281 ft	Pump Test	No
Measurement	Airline	Duration	0 mins
Pump Method	Unknown		
Comments			

Chip Storage Information

Date	05/14/2019	Bin	
Storage	OD7-793>794	Number of Samples	88
Number of Boxes	2	Sample Gaps	250-55
Sample Intervals	5	Sample Bottom	445 ft
Sample Top	0 ft	Washed Bottom	445 ft
Washed Top	105 ft		
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/89714/general-information>