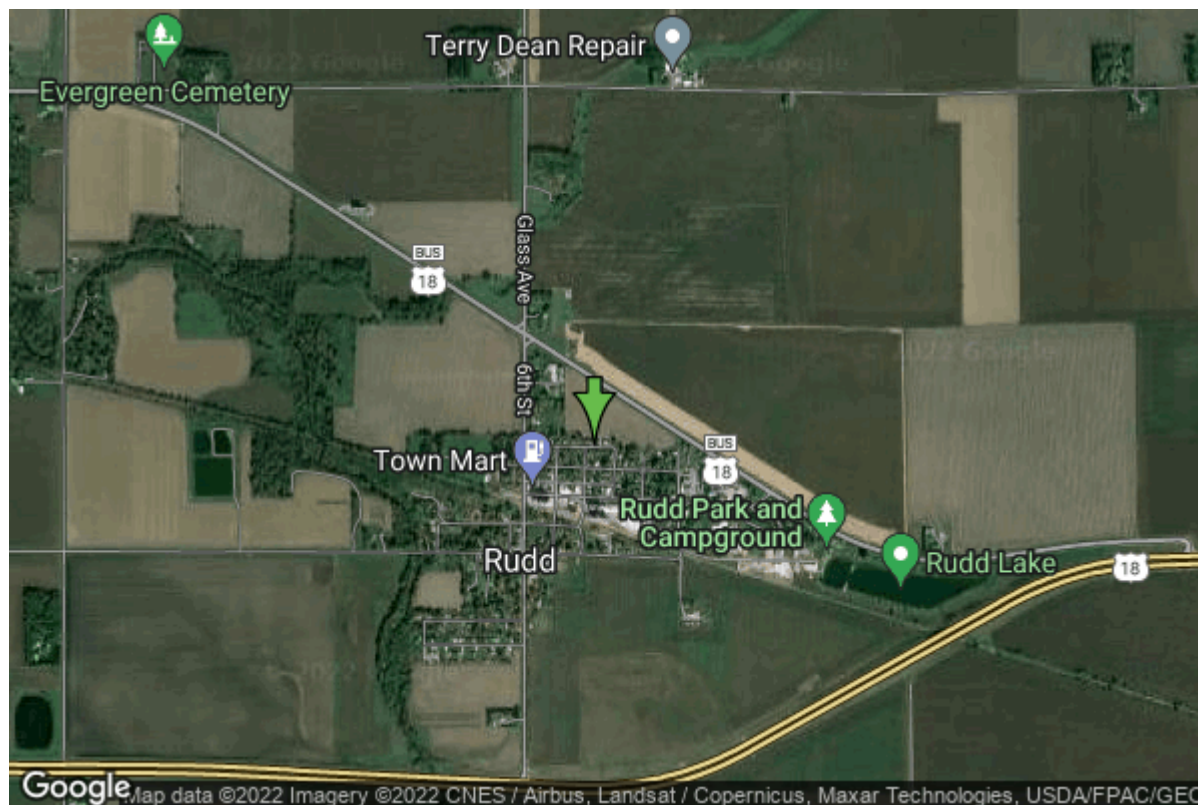


Well W#9845 Information



Date Received		State	Iowa
Owner Name	Rudd, City Of	County	Floyd
Alt Name	#2	Quadrangle	Rudd, Iowa
WNumber	9845	Township	T96N
PWTS ID	0	Range	R17W
PWS ID	3440007	Section	18
Storet ID	31340001	Quarter	SW SW NE
SDWIS ID	2409952	Latitude	43.1297200000
USGS ID	430800092540301	Longitude	-92.9019100000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	507978
		UTM Y	4775225

Site Type	Drilled hole	Drilling Company	Hoeg & Ames (H.M. White)
Well Status	Active	Drilling Date	09/22/1958
Field Located	No	Drilling Method	Cable
Elevation	1122 ft	Bedrock Depth	25 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	1288 ft
Landscape Position	Unknown	Total Depth	1288 ft
		Well Types	Municipal, Public Supply
		Aquifers	Cambrian-Ordovician

Hole Construction Information

Date	09/22/1958	Depth	51.00 ft
Diameter	16.00 in		
Comments			
<hr/>			
Date	09/22/1958	Depth	255.00 ft
Diameter	10.00 in		
Comments			
<hr/>			
Date	09/22/1958	Depth	855.00 ft
Diameter	8.00 in		
Comments			
<hr/>			
Date	09/22/1958	Depth	1288.00 ft
Diameter	6.00 in		
Comments			

Casing Construction Information

Date	09/22/1958	Casing Type	Unknown
Start Depth	0.00 ft	End Depth	29.00 ft
Diameter	16.00 in	Amount	29.00 ft
Comments			
<hr/>			
Date	09/22/1958	Casing Type	Unknown
Start Depth	-2.00 ft	End Depth	51.00 ft
Diameter	10.00 in	Amount	53.00 ft
Comments			
<hr/>			
Date	09/22/1958	Casing Type	Unknown
Start Depth	33.00 ft	End Depth	227.00 ft
Diameter	8.00 in	Amount	0.00 ft
Comments			
<hr/>			
Date	09/22/1958	Casing Type	Unknown
Start Depth	227.00 ft	End Depth	846.00 ft
Diameter	6.00 in	Amount	619.00 ft
Comments			

Log Information

Date	09/22/1958
Log Types	Pump Test
Prepared By	

Comments

Date

Log Types

Strip log

Prepared By

Unknown

Comments

Date

Log Types

Drillers log

Prepared By

Comments

Stratigraphy Information

System

Quaternary

Series

Group

Formation

Member

Submember

Start Depth

0.00 ft

End Depth

5.00 ft

Contact Accuracy

Penetration

Primary Lithology

Soil Or Fill

Percent

100

Secondary Lithology

Percent

Tertiary Lithology

Percent

Comments

System

Quaternary

Series

Group

Formation

Member

Submember

Start Depth

5.00 ft

End Depth

25.00 ft

Contact Accuracy

Penetration

Primary Lithology

Till

Percent

100

Secondary Lithology

Percent

Tertiary Lithology

Percent

Comments

System

Devonian

Series

Group

Cedar Valley

Formation

Shell Rock

Member

Rock Grove

Submember

Start Depth	25.00 ft	End Depth	35.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Shell Rock		
Member	Mason City		
Submember			
Start Depth	35.00 ft	End Depth	50.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Coralville		
Member			
Submember			
Start Depth	50.00 ft	End Depth	120.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Little Cedar		
Member	Rapid		
Submember			
Start Depth	120.00 ft	End Depth	255.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Little Cedar		
Member	Solon		
Submember			
Start Depth	255.00 ft	End Depth	400.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology	Sandstone	Percent	0
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member	Elgin Limestone		
Submember			
Start Depth	400.00 ft	End Depth	475.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Limestone	Percent	0
Comments			

System	Unknown		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	475.00 ft	End Depth	555.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dunleith		
Member			
Submember			

Start Depth	555.00 ft	End Depth	700.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Decorah/Platteville Undiff.		
Member			
Submember			
Start Depth	700.00 ft	End Depth	755.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology	Sandstone	Percent	0
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member	Harmony Hill		
Submember			
Start Depth	755.00 ft	End Depth	780.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member			
Submember			
Start Depth	780.00 ft	End Depth	845.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member	Willow River		
Submember			
Start Depth	845.00 ft	End Depth	990.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member	New Richmond		
Submember			
Start Depth	990.00 ft	End Depth	1060.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Oneota		
Member			
Submember			
Start Depth	1060.00 ft	End Depth	1225.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Cambrian		
Series			
Group			
Formation	Jordan		
Member			
Submember			

Start Depth	1225.00 ft	End Depth	1288.00 ft
Contact Accuracy Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	07/14/2014	Start Time	
Aquifer		Yield	0 gallons per minute
Static Water Level	219.00 ft	Yield Method	
Pumping Water Level	223 ft	Pump Test	No
Measurement		Duration	0 mins
Pump Method		Comments	Reported on DNR 2014 Jordan Questionnaire

Date	09/22/1958	Start Time	
Aquifer	Unknown	Yield	360 gallons per minute
Static Water Level	171.00 ft	Yield Method	Unknown
Pumping Water Level	280 ft	Pump Test	Yes
Measurement	Unknown	Duration	445 mins
Pump Method	Pumped	Comments	

Chip Storage Information

Date	09/23/1958	Bin	
Storage	DB1-17->19	Number of Samples	351
Number of Boxes	3	Sample Gaps	915-920,950-960,1085-1100
Sample Intervals	0	Sample Bottom	1288 ft
Sample Top	0 ft	Washed Bottom	1288 ft
Washed Top	25 ft	Comments	
Duplicate Storage			

<https://www.iuhr.uiowa.edu/igs/geosam/well/9845/general-information>