

Well W#23291 Information



Date Received		State	Iowa
Owner Name	Tama Meat Packing Division	County	Tama
Alt Name	TAMA MEAT PACKING, INC.	Quadrangle	Tama, Iowa
WNumber	23291	Township	T83N
PWTS ID	0	Range	R15W
PWS ID	8670101	Section	36
Storet ID	0	Quarter	NW SW NW
SDWIS ID	2410431	Latitude	41.9594100000
USGS ID	0	Longitude	-92.5504700000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	537253
		UTM Y	4645367

Site Type	Drilled hole	Drilling Company	Varner Well Co.
Well Status	Not Used	Drilling Date	12/01/1973
Field Located	No	Drilling Method	Rotary
Elevation	810 ft	Bedrock Depth	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	1920 ft
Landscape Position	Valley	Total Depth	1920 ft
		Well Types	Commercial, Public Supply
		Aquifers	Cambrian-Ordovician

Casing Construction Information

Date	12/01/1973	Casing Type	Steel
Start Depth	0.00 ft	End Depth	80.00 ft
Diameter	24.00 in	Amount	80.00 ft
Comments			
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Date	12/01/1973	Casing Type	Steel
Start Depth	0.00 ft	End Depth	280.00 ft
Diameter	20.00 in	Amount	280.00 ft
Comments			
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Date	12/01/1973	Casing Type	Steel
Start Depth	-3.00 ft	End Depth	1395.00 ft
Diameter	12.75 in	Amount	1398.00 ft
Comments			

Log Information

Date	12/13/1976
Log Types	Pump Test
Prepared By	
Comments	
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Date	03/01/1975
Log Types	Strip log
Prepared By	Gilmore, Jackson Lee
Comments	
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Date	
Log Types	Drillers log
Prepared By	
Comments	

Stratigraphy Information

System	Unknown		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	100.00 ft
Contact Accuracy			
Penetration			
Primary Lithology		Percent	

Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Lime Creek		
Member	Cerro Gordo		
Submember			
Start Depth	100.00 ft	End Depth	145.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Lime Creek		
Member	Juniper Hill		
Submember			
Start Depth	145.00 ft	End Depth	281.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology	Limestone	Percent	0
Comments			
System	Devonian		
Series			
Group	Cedar Valley		
Formation	Coralville		
Member			
Submember			
Start Depth	281.00 ft	End Depth	326.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Shale	Percent	0
Comments			
System	Devonian		
Series			
Group	Cedar Valley		

Formation	Little Cedar		
Member	Rapid		
Submember			
Start Depth	326.00 ft	End Depth	485.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology	Gypsum/Anhydrite	Percent	0
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Little Cedar		
Member	Solon		
Submember			
Start Depth	485.00 ft	End Depth	553.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation			
Member			
Submember			
Start Depth	553.00 ft	End Depth	650.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Gypsum/Anhydrite	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Silurian		
Series			
Group			
Formation	Laporte City		
Member			
Submember			
Start Depth	650.00 ft	End Depth	755.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Chert/Chalcedony	Percent	0

Secondary Lithology	Limestone	Percent	0
Tertiary Lithology	Dolomite	Percent	0
Comments			

System	Silurian		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	755.00 ft	End Depth	791.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member			
Submember			
Start Depth	791.00 ft	End Depth	965.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member	Elgin Limestone		
Submember			
Start Depth	965.00 ft	End Depth	1046.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Shale	Percent	0
Comments			

System	Unknown		
Series			
Group			

Formation
Member
Submember
Start Depth 1046.00 ft **End Depth** 1136.00 ft
Contact Accuracy
Penetration
Primary Lithology Dolomite **Percent** 0
Secondary Lithology Limestone **Percent** 0
Tertiary Lithology
Comments

System Ordovician
Series
Group Galena
Formation Dunleith
Member
Submember
Start Depth 1136.00 ft **End Depth** 1247.00 ft
Contact Accuracy
Penetration
Primary Lithology Dolomite **Percent** 100
Secondary Lithology **Percent**
Tertiary Lithology **Percent**
Comments

System Ordovician
Series
Group Galena
Formation Decorah
Member Ion
Submember
Start Depth 1247.00 ft **End Depth** 1256.00 ft
Contact Accuracy
Penetration
Primary Lithology Dolomite **Percent** 100
Secondary Lithology **Percent**
Tertiary Lithology **Percent**
Comments

System Ordovician
Series
Group Galena
Formation Decorah
Member Guttenberg
Submember
Start Depth 1256.00 ft **End Depth** 1261.00 ft
Contact Accuracy
Penetration
Primary Lithology Limestone **Percent** 100

Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		
Member	Spechts Ferry		
Submember			
Start Depth	1261.00 ft	End Depth	1265.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		
Member	Mcgregor		
Submember			
Start Depth	1265.00 ft	End Depth	1305.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		
Member	Pecatonia		
Submember			
Start Depth	1305.00 ft	End Depth	1316.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		

Formation	Glenwood		
Member	Harmony Hill		
Submember			
Start Depth	1316.00 ft	End Depth	1320.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member			
Submember			
Start Depth	1320.00 ft	End Depth	1348.00 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	1348.00 ft	End Depth	1570.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member	New Richmond		
Submember			
Start Depth	1570.00 ft	End Depth	1615.00 ft
Contact Accuracy			
Penetration			
Primary Lithology		Percent	

Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
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System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Oneota		
Member			
Submember			
Start Depth	1615.00 ft	End Depth	1820.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Cambrian		
Series			
Group			
Formation	Jordan		
Member			
Submember			
Start Depth	1820.00 ft	End Depth	1920.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	12/01/1973	Start Time	
Aquifer	Unknown		
Static Water Level	250.00 ft	Yield	1600 gallons per minute
Pumping Water Level	284 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date	12/18/1973		
Storage	PL8-830->833	Bin	
Number of Boxes	4	Number of Samples	353

Sample Intervals	5	Sample Gaps	0-100,995-1000,1545-1550,1875-1920
Sample Top	100 ft	Sample Bottom	1875 ft
Washed Top	110 ft	Washed Bottom	1875 ft
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/23291/general-information>