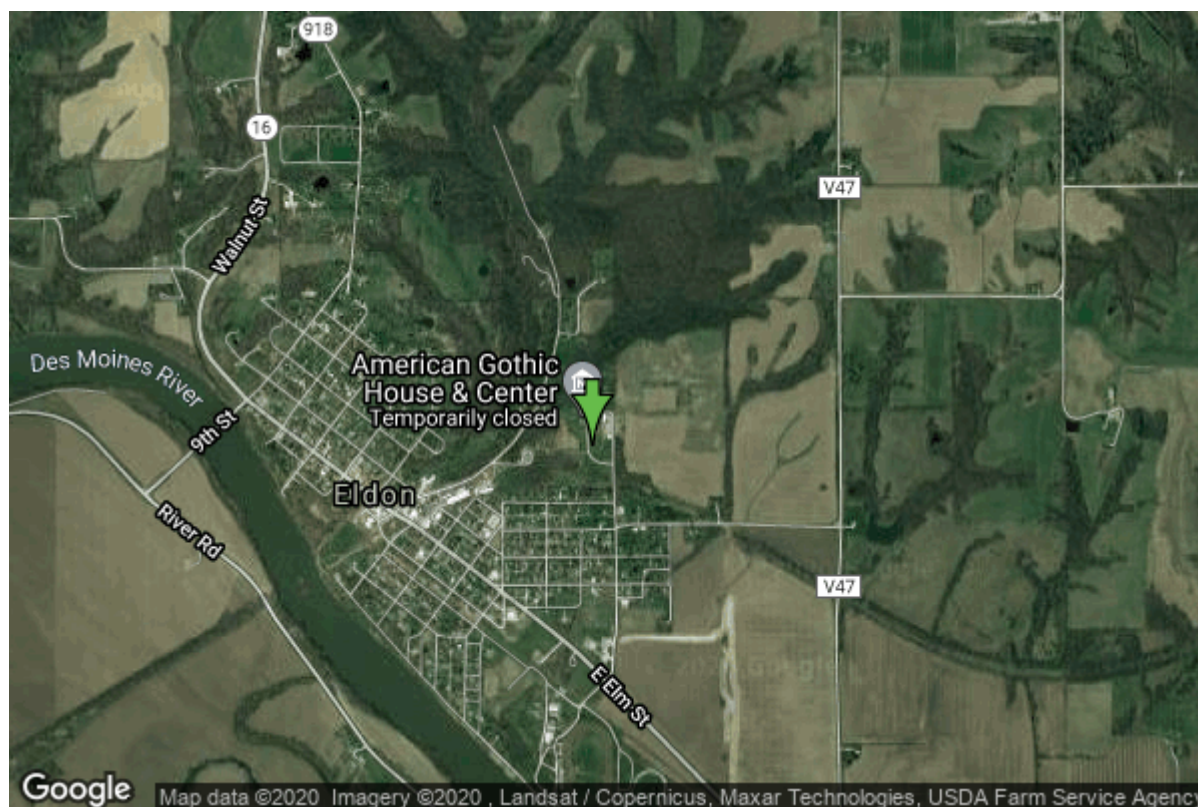


Well W#12922 Information



Date Received		State	Iowa
Owner Name	Eldon, City Of	County	Wapello
Alt Name	#8	Quadrangle	Eldon, Iowa
WNumber	12922	Township	T71N
PWTS ID	0	Range	R12W
PWS ID	9053004	Section	26
Storet ID	0	Quarter	SW NW NE
SDWIS ID	2411213	Latitude	40.9202090000
USGS ID	0	Longitude	-92.2129250000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	566274
		UTM Y	4530198

Site Type	Drilled hole	Drilling Company	Thorpe Well Co.
Well Status	Not Used	Drilling Date	10/11/1961
Field Located	No	Drilling Method	Cable
Elevation	662 ft	Bedrock Depth	63 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	1901 ft
Landscape Position	Hillside	Total Depth	1901 ft
		Well Types	Municipal, Public Supply
		Aquifers	Cambrian-Ordovician

Casing Construction Information

Date	10/01/1961	Casing Type	Steel
Start Depth	0.00 ft	End Depth	262.00 ft

Diameter	18.00 in	Amount	262.00 ft
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Date	10/01/1961	Casing Type	Steel
Start Depth	527.00 ft	End Depth	775.00 ft
Diameter	16.00 in	Amount	248.00 ft

Date	10/01/1961	Casing Type	Steel
Start Depth	-91.00 ft	End Depth	100.00 ft
Diameter	14.00 in	Amount	191.00 ft

Date	10/01/1961	Casing Type	Steel
Start Depth	0.00 ft	End Depth	1590.00 ft
Diameter	8.00 in	Amount	1590.00 ft

Grout Construction Information

Date	10/01/1961	Grout Type	Cement	Grout Placement	Unknown
Start Depth	0.00 ft	End Depth			1590.00 ft

Pump Construction Information

Date	10/01/1961	Pump Type	Turbine
Diameter	0.00 in	Rating	0
Depth Intake	250.00 ft		

Log Information

Date	10/11/1961
Log Types	Drillers log
Prepared By	Thorpe Well Co.

Date	10/11/1961
Log Types	Pump Test
Prepared By	Thorpe Well Co.

Date	10/01/1961
Log Types	Strip log

Prepared By Unknown
Comments

Stratigraphy Information

System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	1.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Soil Or Fill	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Wisconsinan Episode		
Formation	Peoria		
Member			
Submember			
Start Depth	1.00 ft	End Depth	10.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Loess	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	10.00 ft	End Depth	48.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Leached	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	48.00 ft	End Depth	63.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand And Gravel	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Pennsylvanian (Subsystem Of Carboniferous System)		
Series			
Group	Cherokee		
Formation			
Member			
Submember			
Start Depth	63.00 ft	End Depth	125.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology	Limestone	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group			
Formation	St. Louis		
Member			
Submember			
Start Depth	125.00 ft	End Depth	175.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology	Dolomite	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group			
Formation	Spergen		
Member			
Submember			

Start Depth	175.00 ft	End Depth	215.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation	Warsaw		
Member			
Submember			
Start Depth	215.00 ft	End Depth	225.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation	Keokuk		
Member			
Submember			
Start Depth	225.00 ft	End Depth	315.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Dolomite	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation	Burlington		
Member	Cedar Fork		
Submember			
Start Depth	315.00 ft	End Depth	340.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation	Burlington		
Member	Haight Creek		
Submember			
Start Depth	340.00 ft	End Depth	395.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Limestone	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation	Burlington		
Member	Dolbee Creek		
Submember			
Start Depth	395.00 ft	End Depth	400.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Sub-Augusta		
Formation	Maynes Creek		
Member	Wassonville		
Submember			
Start Depth	400.00 ft	End Depth	412.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation			
Member			
Submember			

Start Depth	412.00 ft	End Depth	481.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Dolomite	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Prospect Hill		
Member			
Submember			
Start Depth	481.00 ft	End Depth	488.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Mccraney		
Member			
Submember			
Start Depth	488.00 ft	End Depth	535.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Maple Mill		
Member			
Submember			
Start Depth	535.00 ft	End Depth	575.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Sheffield		
Member			
Submember			
Start Depth	575.00 ft	End Depth	650.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Lime Creek		
Member			
Submember			
Start Depth	650.00 ft	End Depth	725.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Coralville		
Member			
Submember			
Start Depth	725.00 ft	End Depth	805.00 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	805.00 ft	End Depth	850.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Little Cedar		
Member	Solon		
Submember			
Start Depth	850.00 ft	End Depth	895.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Davenport		
Submember			
Start Depth	895.00 ft	End Depth	915.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Spring Grove		
Submember			
Start Depth	915.00 ft	End Depth	935.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Kenwood		
Submember			
Start Depth	935.00 ft	End Depth	950.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Unknown		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	950.00 ft	End Depth	1000.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dunleith		
Member			
Submember			
Start Depth	1000.00 ft	End Depth	1130.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		
Member	Ion		
Submember			

Start Depth	1130.00 ft	End Depth	1135.00 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	1135.00 ft	End Depth	1150.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		
Member	Spechts Ferry		
Submember			
Start Depth	1150.00 ft	End Depth	1153.00 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	1153.00 ft	End Depth	1180.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		
Member	Pecatonica		
Submember			
Start Depth	1180.00 ft	End Depth	1189.00 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	1189.00 ft	End Depth	1205.00 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	1205.00 ft	End Depth	1230.00 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	1230.00 ft	End Depth	1410.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Sandstone	Percent	0
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member	New Richmond		
Submember			
Start Depth	1410.00 ft	End Depth	1515.00 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	Oneota		
Member			
Submember			
Start Depth	1515.00 ft	End Depth	1719.00 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	1719.00 ft	End Depth	1815.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Cambrian		
Series			
Group			
Formation	St. Lawrence		
Member			
Submember			
Start Depth	1815.00 ft	End Depth	1901.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	10/11/1961	Start Time	
Aquifer	Unknown	Yield	844 gallons per minute
Static Water Level	43.00 ft	Yield Method	Unknown
Pumping Water Level	80 ft	Pump Test	Yes
Measurement	Unknown	Duration	755 mins
Pump Method	Pumped		
Comments			

Chip Storage Information

Date	07/17/1961	Bin	
Storage	TL4-240->245	Number of Samples	406
Number of Boxes	6	Sample Gaps	MANY
Sample Intervals	5	Sample Bottom	1901 ft
Sample Top	0 ft	Washed Bottom	1901 ft
Washed Top	115 ft		
Duplicate Storage			
Comments			

<https://www.iuhr.uiowa.edu/igs/geosam/well/12922/general-information>