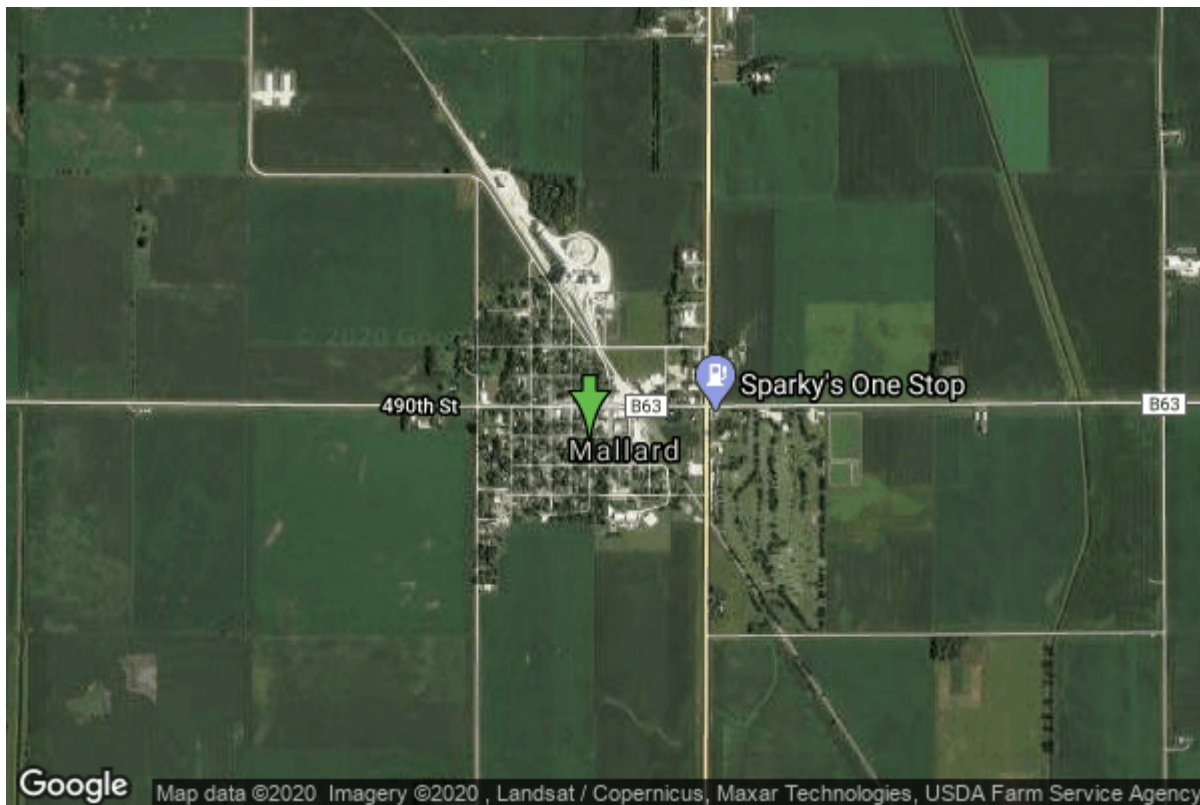


Well W#2863 Information



Date Received		State	Iowa
Owner Name	Mallard, City Of	County	Palo Alto
Alt Name	#3	Quadrangle	Mallard, Iowa
WNumber	2863	Township	T94N
PWTS ID	0	Range	R33W
PWS ID	7450019	Section	25
Storet ID	0	Quarter	NE NE NW
SDWIS ID	2409100	Latitude	42.9366100000
USGS ID	0	Longitude	-94.6829400000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	362684
		UTM Y	4755149

Site Type	Drilled hole	Drilling Company	Thorpe Well Co.
Well Status	Active	Drilling Date	01/05/1947
Field Located	No	Drilling Method	Unknown
Elevation	1225 ft	Bedrock Depth	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	205 ft
Landscape Position	Unknown	Total Depth	205 ft
		Well Types	Municipal, Public Supply
		Aquifers	Dakota/Cretaceous

Casing Construction Information

Date	01/05/1947	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	172.70 ft

Diameter	12.00 in	Amount	174.70 ft
Comments			

Screen Construction Information

Date	01/05/1947		
Screen Type	Steel	Slot Size	0.00
Start Depth	173.00 ft	End Depth	201.00 ft
Diameter	6.00 in	Amount	37 ft
Comments			

Log Information

Date	01/05/1947
Log Types	Drillers log
Prepared By	Thorpe Well Co.
Comments	

Date	
Log Types	Unknown
Prepared By	Unknown
Comments	

Date	
Log Types	Strip log
Prepared By	Unknown
Comments	

Stratigraphy Information

System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	35.00 ft
Contact Accuracy			
Penetration			
Primary Lithology		Percent	
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Quaternary
Series	Pleistocene Series

Group			
Formation			
Member			
Submember			
Start Depth	35.00 ft	End Depth	50.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand And Gravel	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	50.00 ft	End Depth	60.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	60.00 ft	End Depth	70.00 ft
Contact Accuracy			
Penetration			
Primary Lithology		Percent	
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	70.00 ft	End Depth	80.00 ft
Contact Accuracy			

Penetration			
Primary Lithology	Till - Oxidized And Unleached	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	80.00 ft	End Depth	90.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	90.00 ft	End Depth	175.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Unleached	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	175.00 ft	End Depth	185.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	

Comments

System Quaternary
Series Pleistocene Series
Group
Formation
Member
Submember
Start Depth 185.00 ft **End Depth** 195.00 ft
Contact Accuracy
Penetration
Primary Lithology Sand **Percent** 80
Secondary Lithology Till - Oxidized And Unleached **Percent** 20
Tertiary Lithology Unknown **Percent** 0
Comments

System Quaternary
Series Pleistocene Series
Group
Formation
Member
Submember
Start Depth 195.00 ft **End Depth** 200.00 ft
Contact Accuracy
Penetration
Primary Lithology Till - Oxidized And Unleached **Percent** 100
Secondary Lithology **Percent**
Tertiary Lithology **Percent**
Comments

System Cretaceous
Series
Group Fort Benton ("Lower Colorado ")
Formation Dakota
Member
Submember
Start Depth 200.00 ft **End Depth** 205.00 ft
Contact Accuracy
Penetration
Primary Lithology Shale **Percent** 100
Secondary Lithology **Percent**
Tertiary Lithology **Percent**
Comments

Chip Storage Information

Date		Bin	
Storage	CB8-6	Number of Samples	33
Number of Boxes	1	Sample Gaps	0-34, 60-70
Sample Intervals	0	Sample Bottom	205 ft
Sample Top	34 ft	Washed Bottom	0 ft
Washed Top	0 ft		
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/2863/general-information>