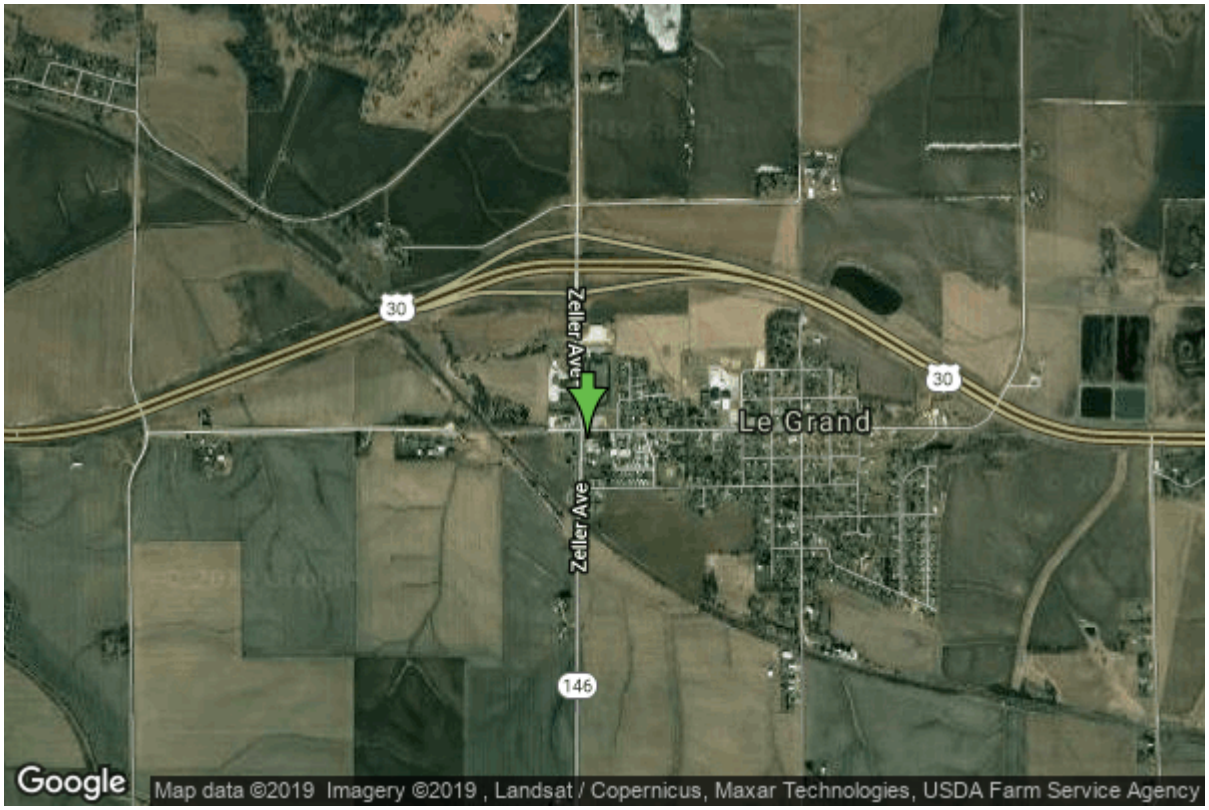
Well W#4154 Information



Date Received		**State**	Iowa
Owner Name	Le Grand, City Of	**County**	Marshall
Alt Name		**Quadrangle**	Le Grand, Iowa
WNumber	4154	**Township**	T83N
PWTS ID	0	**Range**	R17W
PWS ID	6457070	**Section**	13
Storet ID	0	**Quarter**	NW NW NW
SDWIS ID	0	**Latitude**	42.0064090000
USGS ID	0	**Longitude**	-92.7841220000
Project	Source Water Protection	**Accuracy**	
Operator	Unknown	**UTM X**	517877
		UTM Y	4650510

Site Type	Drilled hole	**Drilling Company**	Unknown
Well Status	Not Used	**Drilling Date**	04/16/1950
Field Located	No	**Drilling Method**	Unknown
Elevation	924 ft	**Bedrock Depth**	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	**Well Depth**	98 ft
		Total Depth	98 ft
Landscape Position	Unknown	**Well Types**	Municipal
		Aquifers	Mississippian

Casing Construction Information

Date	04/16/1950	**Casing Type**	Unknown
Start Depth	-1.00 ft	**End Depth**	21.00 ft

Diameter	8.00 in	**Amount**	22.00 ft
Comments			

Date	04/16/1950	**Casing Type**	Unknown
Start Depth	17.00 ft	**End Depth**	58.00 ft
Diameter	7.00 in	**Amount**	41.00 ft
Comments			

Date	04/16/1950	**Casing Type**	Perforated
Start Depth	58.00 ft	**End Depth**	98.00 ft
Diameter	7.00 in	**Amount**	40.00 ft
Comments			

Log Information

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**	15.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Loess	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Quaternary
Series	Pleistocene Series
Group	
Formation	
Member	
Submember	

Start Depth	15.00 ft	**End Depth**	22.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Sub-Augusta		
Formation	Maynes Creek		
Member			
Submember			
Start Depth	22.00 ft	**End Depth**	50.00 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	North Hill		
Formation	Chapin		
Member			
Submember			
Start Depth	50.00 ft	**End Depth**	63.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Prospect Hill		
Member			
Submember			
Start Depth	63.00 ft	**End Depth**	82.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Siltstone	**Percent**	0
Secondary Lithology	Limestone	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Mccraney		
Member			
Submember			
Start Depth	82.00 ft	**End Depth**	92.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	0
Secondary Lithology	Siltstone	**Percent**	0
Tertiary Lithology	Shale	**Percent**	0
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Maple Mill		
Member			
Submember			
Start Depth	92.00 ft	**End Depth**	98.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

Water Production Information

Date	04/16/1950	**Start Time**	
Aquifer	Unknown		
Static Water Level	45.00 ft	**Yield**	42 gallons per minute
Pumping Water Level	82 ft	**Yield Method**	Unknown
Measurement	Unknown	**Pump Test**	No
Pump Method	Unknown	**Duration**	0 mins
Comments			

Chip Storage Information

Date	04/25/1950		
Storage	CG8-7	**Bin**	
Number of Boxes	1	**Number of Samples**	17
Sample Intervals	5	**Sample Gaps**	
Sample Top	0 ft	**Sample Bottom**	98 ft
Washed Top	30 ft	**Washed Bottom**	98 ft

Duplicate Storage
Comments

https://www.iihr.uiowa.edu/igs/geosam/well/4154/general-information