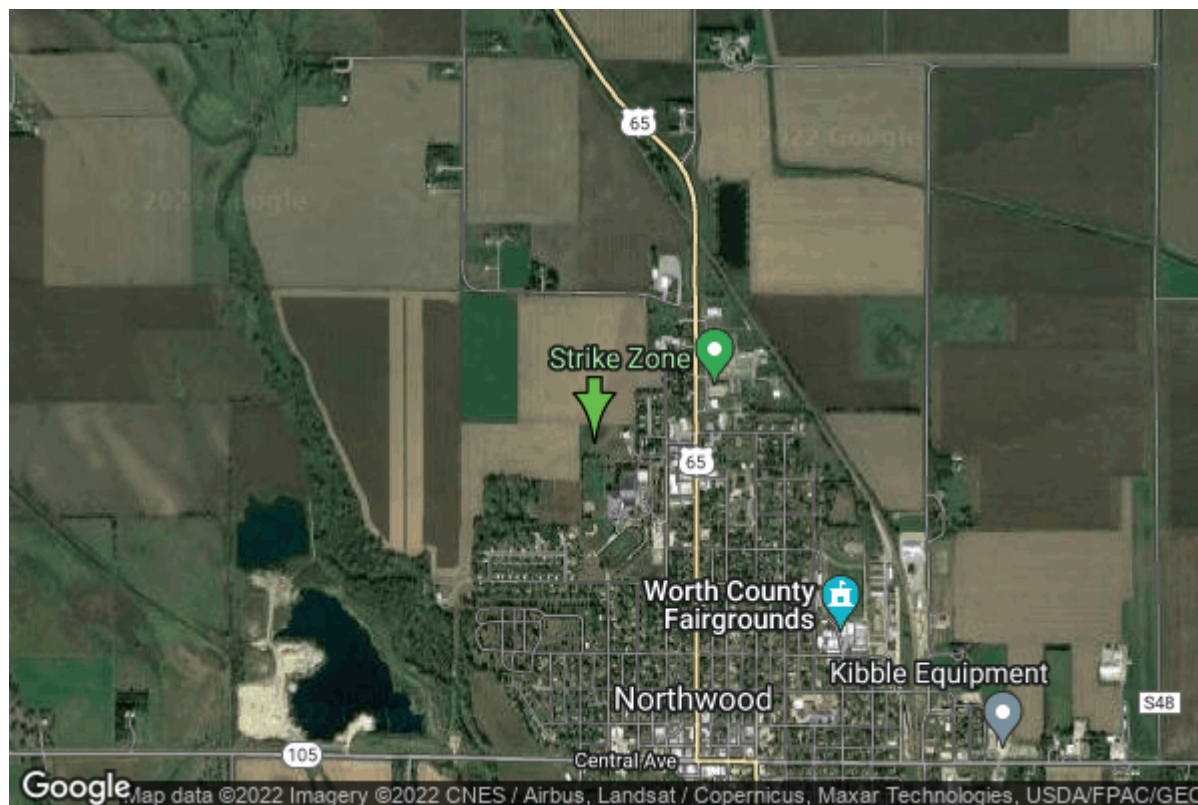


Well W#55401 Information



Date Received	03/13/2002	State	Iowa
Owner Name	Northwood, City Of	County	Worth
Alt Name	#4	Quadrangle	Northwood, Iowa
WNumber	55401	Township	T100N
PWTS ID	0	Range	R20W
PWS ID	9855077	Section	29
Storet ID	0	Quarter	NE SE NW
SDWIS ID	2583136	Latitude	43.4539100000
USGS ID	0	Longitude	-93.2246300000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	481826
		UTM Y	4811247

Site Type	Drilled hole	Drilling Company	Northway Corporation
Well Status	Active	Drilling Date	10/12/2001
Field Located	No	Drilling Method	Cable
Elevation	1228 ft	Bedrock Depth	40 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	67 ft
Landscape Position	Upland	Total Depth	350 ft
		Well Types	Municipal, Public Supply
		Aquifers	Devonian

Hole Construction Information

Date	10/12/2001	Depth	67.00 ft
Diameter	17.50 in		

Comments

Date	10/12/2001	Depth	350.00 ft
Diameter	11.88 in		
Comments			

Casing Construction Information

Date	10/12/2001	Casing Type	Steel
Start Depth	0.00 ft	End Depth	67.00 ft
Diameter	12.00 in	Amount	67.00 ft
Comments			

Grout Construction Information

Date	10/12/2001	Grout Placement	Unknown
Grout Type	Cement	End Depth	67.00 ft
Start Depth	5.00 ft		
Comments			

Pump Construction Information

Date	10/12/2001	Pump Type	Submersible
Diameter	6.00 in	Rating	565
Depth Intake	60.00 ft		
Comments			

Log Information

Date	02/06/2010
Log Types	Strip log
Prepared By	Bracken, Kyle A.
Comments	

Date	10/12/2001
Log Types	Drillers log
Prepared By	Northway Well and Pump Co.
Comments	

Stratigraphy Information

System	Quaternary
Series	
Group	

Formation Member			
Submember			
Start Depth	0.00 ft	End Depth	40.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand And Gravel	Percent	50
Secondary Lithology	Soil Or Fill	Percent	40
Tertiary Lithology	Clay	Percent	10
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation			
Member			
Submember			
Start Depth	40.00 ft	End Depth	330.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	99
Secondary Lithology	Chert/Chalcedony	Percent	1
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member			
Submember			
Start Depth	330.00 ft	End Depth	350.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	60
Secondary Lithology	Chert/Chalcedony	Percent	40
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	12/04/2001	Start Time	
Aquifer	Unknown		
Static Water Level	17.00 ft	Yield	565 gallons per minute
Pumping Water Level	53 ft	Yield Method	Unknown
Measurement	Airline	Pump Test	Yes
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date	03/20/2002	Bin	
Storage	OD4-594>595	Number of Samples	70
Number of Boxes	2	Sample Gaps	
Sample Intervals	5	Sample Bottom	350 ft
Sample Top	0 ft	Washed Bottom	350 ft
Washed Top	40 ft		
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/55401/general-information>