

Well W#76507 Information



Date Received	10/01/2013	State	Iowa
Owner Name	Osceola County Rural Water System	County	Osceola
Alt Name	H4 Redrill	Quadrangle	May City, Iowa
WNumber	76507	Township	T98N
PWTS ID	0	Range	R39W
PWS ID	7227701	Section	6
Storet ID	0	Quarter	NW SE NE
SDWIS ID	0	Latitude	43.3386660000
USGS ID	0	Longitude	-95.4982480000
Project	Unknown	Accuracy	
Operator	Unknown	UTM X	297491
		UTM Y	4801454

Site Type	Drilled hole	Drilling Company	Cahoy Pump Service
Well Status	Primary	Drilling Date	04/05/2012
Field Located	No	Drilling Method	Auger
Elevation	1436 ft	Bedrock Depth	0 ft
Elevation Accuracy	Topo Map Accurate to 2 ft	Well Depth	47 ft
Landscape Position	Unknown	Total Depth	59 ft
		Well Types	Municipal
		Aquifers	

Hole Construction Information

Date	04/05/2012	Depth	59.00 ft
Diameter	20.00 in		

Comments

Casing Construction Information

Date	04/05/2012	Casing Type	Steel
Start Depth	-3.50 ft	End Depth	31.75 ft
Diameter	12.00 in	Amount	35.25 ft
Comments			

Screen Construction Information

Date	04/05/2012	Screen Type	Steel	Slot Size	0.12
Start Depth	31.75 ft	End Depth	46.75 ft	Amount	15 ft
Diameter	12.00 in				
Comments					

Grout Construction Information

Date	04/05/2012	Grout Type	Neat Cement	Grout Placement	Tremie
Start Depth	0.00 ft	End Depth	25.00 ft		
Comments					

Gravel Pack Construction Information

Date	04/05/2012	Gravel Pack Type	Red Flint	Slot Size	
Start Depth	26.00 ft	End Depth	59.00 ft		
Comments					

Pump Construction Information

Date	09/10/2013	Pump Type	Unknown
Diameter	6.00 in	Rating	500
Depth Intake	37.00 ft		
Comments	type: grundfos		

Log Information

Date	09/10/2013	Log Types	Drillers log
Prepared By	Cahoy Well and Pump Service		
Comments			

Water Production Information

Date	10/09/2012	Start Time	15:20
Aquifer	Unknown		
Static Water Level	19.00 ft	Yield	500 gallons per minute
Pumping Water Level	20 ft	Yield Method	Orifice
Measurement	Tape	Pump Test	Yes
Pump Method	Pumped	Duration	1440 mins
Comments	Believe driller may have switched values for static and pumping levels, GEOSAM reflects ``corrected`` values		

<https://www.ihr.uiowa.edu/igs/geosam/well/76507/general-information>