

Well W#87150 Information



Date Received	01/04/2018	State	Iowa
Owner Name	Rembrandt Enterprises Inc.	County	Buena Vista
Alt Name	2R	Quadrangle	Rembrandt, Iowa
WNumber	87150	Township	T93N
PWTS ID	0	Range	R36W
PWS ID	0	Section	32
Storet ID	0	Quarter	SW SW NW
SDWIS ID	0	Latitude	42.8238050000
USGS ID	0	Longitude	-95.1302800000
Project Operator		Accuracy	
		UTM X	325866
		UTM Y	4743450

Site Type	Drilled hole	Drilling Company	Sargent Drilling
Well Status	Active	Drilling Date	10/11/2017
Field Located	No	Drilling Method	Rotary
Elevation	1318 ft	Bedrock Depth	259 ft
Elevation Accuracy	Topo Map Accurate to 2 ft	Well Depth	426 ft
Landscape Position	Unknown	Total Depth	426 ft
		Well Types	Public Supply
		Aquifers	

Hole Construction Information

Date	10/11/2017	Depth	426.00 ft
Diameter	17.00 in		

Comments

Casing Construction Information

Date	10/11/2017	Casing Type	PVC
Start Depth	0.00 ft	End Depth	391.00 ft
Diameter	8.00 in	Amount	391.00 ft
Comments			

Screen Construction Information

Date	10/11/2017	Slot Size	0.03
Screen Type	Steel	End Depth	426.00 ft
Start Depth	391.00 ft	Amount	35 ft
Diameter	8.00 in		
Comments			

Grout Construction Information

Date	10/11/2017	Grout Placement	Unknown
Grout Type	Bentonite (Clay)	End Depth	315.00 ft
Start Depth	0.00 ft		
Comments			

Gravel Pack Construction Information

Date	10/11/2017	Slot Size	
Gravel Pack Type	Unknown	End Depth	426.00 ft
Start Depth	315.00 ft		
Comments	Chlorinate		

Log Information

Date	10/11/2017		
Log Types	Drillers log		
Prepared By	Sargent Drilling		
Comments			

Formation Information

Formation Color	Brown	Formation Lithology	soil or fill
Start Depth	0.00 ft	End Depth	12.00 ft
Comments			

Formation Color	Gray	Formation Lithology	clay and gravel
Start Depth	12.00 ft	End Depth	20.00 ft
Comments			
Formation Color	Gray	Formation Lithology	clay and gravel
Start Depth	20.00 ft	End Depth	40.00 ft
Comments			
Formation Color	Brown	Formation Lithology	sand
Start Depth	40.00 ft	End Depth	53.00 ft
Comments	fine to coarse		
Formation Color	Gray	Formation Lithology	clay and gravel
Start Depth	53.00 ft	End Depth	60.00 ft
Comments			
Formation Color	Gray	Formation Lithology	clay and sand
Start Depth	60.00 ft	End Depth	80.00 ft
Comments			
Formation Color	Gray	Formation Lithology	clay and gravel
Start Depth	80.00 ft	End Depth	100.00 ft
Comments			
Formation Color	Gray	Formation Lithology	clay
Start Depth	100.00 ft	End Depth	120.00 ft
Comments			
Formation Color	Brown	Formation Lithology	till
Start Depth	120.00 ft	End Depth	140.00 ft
Comments			
Formation Color	Tan	Formation Lithology	sandy clay
Start Depth	140.00 ft	End Depth	160.00 ft
Comments			
Formation Color	Tan	Formation Lithology	sandy clay
Start Depth	160.00 ft	End Depth	180.00 ft
Comments			
Formation Color	Gray	Formation Lithology	clay
Start Depth	180.00 ft	End Depth	215.00 ft
Comments			
Formation Color	Brown	Formation Lithology	sand
Start Depth	215.00 ft	End Depth	220.00 ft
Comments			

Comments

Formation Color	Brown	Formation Lithology	sand and gravel
Start Depth	220.00 ft	End Depth	240.00 ft
Comments			

Formation Color	Brown	Formation Lithology	sand and gravel
Start Depth	240.00 ft	End Depth	259.00 ft
Comments			

Formation Color	Red	Formation Lithology	shale
Start Depth	259.00 ft	End Depth	280.00 ft
Comments			

Formation Color	Red	Formation Lithology	shale
Start Depth	280.00 ft	End Depth	295.00 ft
Comments			

Formation Color	Brown	Formation Lithology	sandstone
Start Depth	295.00 ft	End Depth	340.00 ft
Comments	with shale streaks		

Formation Color	Brown	Formation Lithology	sandstone
Start Depth	340.00 ft	End Depth	400.00 ft
Comments	trace of fine gravel and shale streaks		

Formation Color	Brown	Formation Lithology	sandstone
Start Depth	400.00 ft	End Depth	420.00 ft
Comments	with shale layers and trace of fine gravel		

Formation Color	White	Formation Lithology	shale
Start Depth	420.00 ft	End Depth	426.00 ft
Comments	with thin sandstone streak		

Formation Color	White	Formation Lithology	shale
Start Depth	426.00 ft	End Depth	440.00 ft
Comments	with thin sandstone streaks		

Formation Color	Brown	Formation Lithology	shale
Start Depth	440.00 ft	End Depth	450.00 ft
Comments	with thin sandstone streaks		

Water Production Information

Date	10/11/2017	Start Time	
Aquifer	Unknown		

Static Water Level	146.00 ft	Yield	325 gallons per minute
Pumping Water Level	186 ft	Yield Method	Orifice
Measurement	Tape	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date	07/03/2018	Bin	
Storage	OD7-717>718	Number of Samples	87
Number of Boxes	2	Sample Gaps	
Sample Intervals	5	Sample Bottom	426 ft
Sample Top	0 ft	Washed Bottom	426 ft
Washed Top	260 ft		
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/87150/general-information>