

Well W#83615 Information



Date Received	11/07/2016	State	Iowa
Owner Name	Ag Processing, Inc.	County	Woodbury
Alt Name	Well #7	Quadrangle	Salix, Iowa-Nebr.
WNumber	83615	Township	T87N
PWTS ID	0	Range	R47W
PWS ID	9774003	Section	31
Storet ID	0	Quarter	
SDWIS ID	0	Latitude	42.3047790000
USGS ID	0	Longitude	-96.3657040000
Project		Accuracy	
Operator		UTM X	222579
		UTM Y	4689104

Site Type	Drilled hole	Drilling Company	Layne Christensen Company
Well Status	Unknown	Drilling Date	10/07/2016
Field Located	No	Drilling Method	Other
Elevation	1073 ft	Bedrock Depth	165 ft
Elevation Accuracy	Topo Map Accurate to 2 ft	Well Depth	160 ft
Landscape Position	Unknown	Total Depth	165 ft
		Well Types	Other
		Aquifers	

Hole Construction Information

Date	10/07/2016		
Diameter	42.00 in	Depth	40.00 ft
Comments			

Date	10/07/2016		
Diameter	32.00 in	Depth	165.00 ft
Comments			

Casing Construction Information

Date	10/07/2016	Casing Type	Steel
Start Depth	0.00 ft	End Depth	40.00 ft
Diameter	36.00 in	Amount	40.00 ft
Comments			

Date	10/07/2016	Casing Type	Steel
Start Depth	-2.50 ft	End Depth	100.00 ft
Diameter	18.00 in	Amount	102.50 ft
Comments			

Screen Construction Information

Date	10/07/2016		
Screen Type	Steel	Slot Size	0.09
Start Depth	100.00 ft	End Depth	160.00 ft
Diameter	18.00 in	Amount	60 ft
Comments			

Grout Construction Information

Date	10/07/2016		
Grout Type	Cement	Grout Placement	Tremie
Start Depth	0.00 ft	End Depth	75.00 ft
Comments			

Gravel Pack Construction Information

Date	10/07/2016		
Gravel Pack Type	Red Flint	Slot Size	
Start Depth	80.00 ft	End Depth	165.00 ft
Comments			

Pump Construction Information

Date	10/07/2016	Pump Type	Turbine
Diameter	11.00 in	Rating	650
Depth Intake	95.00 ft		
Comments			

Log Information

Date	10/07/2016
Log Types	Drillers log
Prepared By	Layne Christensen Company
Comments	

Date	09/08/2016
Log Types	Pump Test
Prepared By	Layne Christensen Company
Comments	

Formation Information

Formation Color	Black	Formation Lithology	soil or fill
Start Depth	0.00 ft	End Depth	5.00 ft
Comments			

Formation Color	Gray	Formation Lithology	clay
Start Depth	5.00 ft	End Depth	23.00 ft
Comments			

Formation Color	Gray	Formation Lithology	sand
Start Depth	23.00 ft	End Depth	55.00 ft
Comments	w/ clay		

Formation Color	Gray	Formation Lithology	clay
Start Depth	55.00 ft	End Depth	57.00 ft
Comments			

Formation Color	Gray	Formation Lithology	sand
Start Depth	57.00 ft	End Depth	100.00 ft
Comments	w/ coal		

Formation Color	Gray	Formation Lithology	sand and gravel
Start Depth	100.00 ft	End Depth	156.00 ft
Comments			

Formation Color	Gray	Formation Lithology	sand and gravel
Start Depth	156.00 ft	End Depth	165.00 ft
Comments			

Formation Color	Gray	Formation Lithology	shale
Start Depth	165.00 ft	End Depth	165.00 ft
Comments			

Water Production Information

Date	09/08/2016	Start Time	
Aquifer	Unknown	Yield	650 gallons per minute
Static Water Level	23.00 ft	Yield Method	Orifice
Pumping Water Level	26 ft	Pump Test	Yes
Measurement	Electric Line	Duration	1440 mins
Pump Method	Bailed		
Comments			

<https://www.ihr.uiowa.edu/igs/geosam/well/83615/general-information>