

Well W#70461 Information



Date Received	04/27/2010	State	Iowa
Owner Name	Lake Macbride State Park	County	Johnson
Alt Name	North #2	Quadrangle	Ely, Iowa
WNumber	70461	Township	T81N
PWTS ID	0	Range	R6W
PWS ID	5200912	Section	29
Storet ID	0	Quarter	NW SW SE
SDWIS ID	2586610	Latitude	41.7980280000
USGS ID	0	Longitude	-91.5747700000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	618408
		UTM Y	4628334

Site Type	Drilled hole	Drilling Company	Freese Well Drilling
Well Status	Active	Drilling Date	02/23/2007
Field Located	No	Drilling Method	Rotary
Elevation	805 ft	Bedrock Depth	75 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	430 ft
Landscape Position	Hillside	Total Depth	430 ft
		Well Types	Public Supply
		Aquifers	Silurian/Devonian

Hole Construction Information

Date	02/23/2007	Depth	430.00 ft
Diameter	8.00 in		

Comments hole size is a guess, based on 6 inch casing

Casing Construction Information

Date	02/23/2007	Casing Type	PVC
Start Depth	0.00 ft	End Depth	215.00 ft
Diameter	6.00 in	Amount	215.00 ft
Comments			

Pump Construction Information

Date	02/23/2007	Pump Type	Submersible
Diameter	0.00 in	Rating	0
Depth Intake	0.00 ft		
Comments	7.5 hp pump set at 200 ft by Rob Brown 8 inch pitless unit?		

Log Information

Date	
Log Types	Drillers log
Prepared By	Unknown
Comments	

Water Production Information

Date	02/23/2007	Start Time	
Aquifer	Silurian/Devonian	Yield	60 gallons per minute
Static Water Level	110.00 ft	Yield Method	Estimate
Pumping Water Level	147 ft	Pump Test	No
Measurement	Airline	Duration	720 mins
Pump Method	Pumped		
Comments	Rob Brown said well recovered in 40 minutes. All pumping info from telephone conversation with Rob Brown on 04/28/2010.		

<https://www.iihr.uiowa.edu/igs/geosam/well/70461/general-information>