

790971

County Lyon
Quad Dudley
Quad ID 81B

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031

Entry Date 08/12/2013
Update Date 03/26/2025
Received Date 09/27/2012

Well Name ST AUBIN,	Township 111	Range 40	Dir W	Section 4	Subsection DCDDBC	Well Depth 339 ft.	Depth Completed 339 ft.	Date Well Completed 08/16/2012																																													
Elevation 1122	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Bentonite																																															
Address C/W 3166 270TH ST MARSHALL MN 56258						Use domestic	Status Active																																														
						Well Hydrofractured? Yes ☐ No ☒	From	To																																													
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>LOAM</td><td>0</td><td>2</td><td>BLACK</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>2</td><td>18</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>18</td><td>22</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>GRAVEL/ROCK</td><td>22</td><td>30</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>CLAY ROCKY</td><td>30</td><td>40</td><td>BLUE</td><td>HARD</td></tr><tr><td>CLAY GUMMY</td><td>40</td><td>328</td><td>BLUE</td><td></td></tr><tr><td>SANDSTONE 12 SLOT</td><td>328</td><td>339</td><td>TAN/WHT</td><td></td></tr><tr><td>CLAY</td><td>339</td><td>339</td><td>BLUE</td><td>MEDIUM</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	LOAM	0	2	BLACK	MEDIUM	CLAY	2	18	TAN	MEDIUM	CLAY	18	22	BLUE	MEDIUM	GRAVEL/ROCK	22	30	TAN	MEDIUM	CLAY ROCKY	30	40	BLUE	HARD	CLAY GUMMY	40	328	BLUE		SANDSTONE 12 SLOT	328	339	TAN/WHT		CLAY	339	339	BLUE	MEDIUM	Casing Type Single casing	Joint	
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Drive Shoe? Yes ☐ No ☒						Above/Below																																															
Casing Diameter 5 in. To 329 ft.						Weight lbs./ft.	Hole Diameter 8.7 in. To 339 ft.																																														
Open Hole From ft. To ft.																																																					
Screen? ☒						Type telescoping	Make JOHNSON																																														
Diameter 4 in.						Slot/Gauze 18	Length 10 ft.																																														
						Set 329 ft.	ft. 339 ft.																																														
Static Water Level 60 ft. land surface						Measure	08/16/2012																																														
Pumping Level (below land surface) 170 ft. 2 hrs. Pumping at						50	g.p.m.																																														
Wellhead Completion Pitless adapter manufacturer MAASS Model ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																					
Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified																																																					
Material cuttings						Amount 80	From ft. 319																																														
							To ft. 339																																														
pearock						319	ft. 80																																														
high solids bentonite						5 Sacks	ft. 80																																														
Nearest Known Source of Contamination 60 feet North Direction						Barnyard Type																																															
Well disinfected upon completion? ☒ Yes ☐ No																																																					
Pump ☐ Not Installed						Date Installed 09/20/2012																																															
Manufacturer's name SCHAEFER																																																					
Model Number 25LD15S4						HP 3	Volt 230																																														
Length of drop pipe 300 ft						Capacity 25	g.p. Typ Submersible																																														
Abandoned Does property have any not in use and not sealed well(s)?						☐ Yes	☐ No																																														
Variance Was a variance granted from the MDH for this well?						☐ Yes	☒ No																																														
Miscellaneous First Bedrock Cretaceous undiff. Aquifer Cretaceous, Last Strat Cretaceous undiff. Depth to Bedrock 40 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 288273 Y 4924625 Unique Number Verification Tax Records Input Date 05/20/2021																																																					
Angled Drill Hole																																																					
Well Contractor Steffl Drilling and Pump, Inc. 1551 DAHL, J. Licensee Business Lic. or Reg. No. Name of Driller																																																					