

543042

County Otter Tail
Quad Pelican
Quad ID 239D

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

Entry Date 12/09/1994
Update Date 08/10/2018
Received Date

Well Name JOHNSON,	Township 136	Range 43	Dir W	Section 15	Subsection CADDDB	Well Depth 79 ft.	Depth Completed 79 ft.	Date Well Completed 10/05/1994																																								
Elevation 1349	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Jetted	Drill Fluid Water																																										
Address C/W RR 2 PELICAN RAPIDS MN						Use domestic	Status Active																																									
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SOIL</td><td>0</td><td>1</td><td>BLACK</td><td></td></tr><tr><td>CLAY</td><td>1</td><td>10</td><td>YELLOW</td><td>M.HARD</td></tr><tr><td>GRAVEL</td><td>10</td><td>28</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>28</td><td>39</td><td>YELLOW</td><td>MEDIUM</td></tr><tr><td>FINE SAND</td><td>39</td><td>42</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>42</td><td>70</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>70</td><td>79</td><td>GRAY</td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	SOIL	0	1	BLACK		CLAY	1	10	YELLOW	M.HARD	GRAVEL	10	28	TAN	MEDIUM	CLAY	28	39	YELLOW	MEDIUM	FINE SAND	39	42	TAN	MEDIUM	CLAY	42	70	BLUE	MEDIUM	SAND	70	79	GRAY		Well Hydrofractured? Yes ☐ No ☐ From To		
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						Casing Type Single casing			Joint Threaded																																							
Drive Shoe? Yes ☒ No ☐ Above/Below																																																
Casing Diameter 2 in. To 75 ft. 3.75 lbs./ft.																																																
Open Hole <table><tr><td>From</td><td>ft.</td><td>To</td><td>ft.</td></tr><tr><td>Screen? ☒</td><td>Type stainless</td><td colspan="2">Make JOHNSON</td></tr><tr><td>Diameter</td><td>Slot/Gauze</td><td>Length</td><td>Set</td></tr><tr><td>1.2 in.</td><td>10</td><td>48 ft.</td><td>75 ft. 79 ft.</td></tr></table>					From	ft.	To	ft.	Screen? ☒	Type stainless	Make JOHNSON		Diameter	Slot/Gauze	Length	Set	1.2 in.	10	48 ft.	75 ft. 79 ft.																												
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1.2 in.	10	48 ft.	75 ft. 79 ft.																																													
Static Water Level 33 ft. land surface Measure 10/05/1994																																																
Pumping Level (below land surface) ft. hrs. Pumping at 18 g.p.m.																																																
Wellhead Completion Pitless adapter manufacturer Model ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																
Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified Material Amount From To bentonite ft. ft.																																																
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☒ Yes ☐ No																																																
Pump ☐ Not Installed Date Installed 10/05/1994 Manufacturer's name MEYERS Model Number HR50D HP 0.5 Volt 230 Length of drop pipe 39 ft Capacity 10 g.p. Typ Jet																																																
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 Aquifer Quat. buried Last Strat sand-gray Depth to Bedrock ft Located by Minnesota Department of Health Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 263733 Y 5164207 Unique Number Verification Info/GPS from data Input Date 02/22/2001																																																
Angled Drill Hole																																																
Well Contractor Bengtson Well Co. 56076 BENGSTON, M. Licensee Business Lic. or Reg. No. Name of Driller																																																