

741221

County Traverse
Quad Barry
Quad ID 166D

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

Entry Date
Update Date 08/04/2023
Received Date 08/28/2006

Well Name ARENS, CHAD	Township 125	Range 47	Dir W	Section 36	Subsection DADBAC
Elevation 1112	Elev. Method LiDAR 1m DEM (MNDNR)				
Address C/W 5033 660TH AV GRACEVILLE MN 56240					
Stratigraphy Information					
Geological Material		From	To (ft.)	Color	Hardness
TOP SOIL		0	3	DARK	SOFT
CLAY		3	20	YELLOW	SOFT
CLAY		20	102	BLUE	MEDIUM
SAND 18-SLOT		102	104	DARK	SOFT
CLAY		104	107	BLUE	MEDIUM
SAND 18-SLOT		107	110	DARK	SOFT
CLAY		110	169	BLUE	MEDIUM
SAND SOME CLAY		169	172	YELLOW	M.SOFT
SAND & ROCKS		172	182	YELLOW	SOFT
SAND 25-SLOT		182	190	YELLOW	SOFT
CLAY		190	190	BLUE	MEDIUM
Well Depth 190 ft.					
Depth Completed 190 ft.					
Date Well Completed 07/18/2006					
Drill Method Non-specified Rotary					
Drill Fluid Bentonite					
Use domestic					
Status Active					
Well Hydrofractured? Yes ☐ No ☒ From To					
Casing Type Single casing					
Joint Welded					
Drive Shoe? Yes ☐ No ☒ Above/Below					
Casing Diameter 4 in. To 182 ft. 0 lbs./ft.					
Weight 8 in. To 190 ft.					
Hole Diameter					
Open Hole From ft. To ft.					
Screen? ☒ Type telescoping Make JOHNSON					
Diameter Slot/Gauze Length Set					
4 in. 18 8 ft. 182 ft. 190 ft.					
Static Water Level					
49 ft. land surface Measure 07/18/2006					
Pumping Level (below land surface)					
100 ft. 2 hrs. Pumping at 125 g.p.m.					
Wellhead Completion					
Pitless adapter manufacturer MONITOR Model BULLDOG					
☐ 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 4 Sacks ft. 50 ft.					
Nearest Known Source of Contamination					
55 feet East Direction Sewer Type					
Well disinfected upon completion? ☒ Yes ☐ No					
Pump ☐ Not Installed Date Installed					
Manufacturer's name OWNERS GRUNDFOS					
Model Number 10 SQ HP 0.5 Volt 230					
Length of drop pipe 140 ft Capacity 10 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					
Last Strat clay-gray Aquifer Quat. buried Depth to Bedrock ft					
Located by Minnesota Geological Survey					
Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or					
System UTM - NAD83, Zone 15, Meters X 226006 Y 5054565					
Unique Number Verification Address verification Input Date 06/15/2023					
Angled Drill Hole					
Well Contractor					
Lee Well Drilling, Inc. 2108 LEE					
Licensee Business Lic. or Reg. No. Name of Driller					