

749225

County Crow Wing

Quad

Quad ID

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date11/13/2007

Update Date05/19/2014

Received Date02/20/2007

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|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Well NameTownshipRangeDir SectionSubsection</div> <div>KREMER, ALLEN 4528W 11DBD</div> <div>ElevationElev. Method</div> | <div>Well DepthDepth CompletedDate Well Completed</div> <div>200 ft.194 ft.01/03/2007</div> <div>Drill MethodNon-specified RotaryDrill FluidBentonite</div> <div>Use domesticStatusActive</div> <div>Well Hydrofractured?YesNoFromTo</div> <div>Casing TypeSingle casingJoint</div> <div>Drive Shoe?YesNoAbove/Below</div> <div>Casing DiameterWeightHole Diameter</div> <div>4 in. To 190 ft. lbs./ft.8.7 in. To 194 ft.</div> <div>Open HoleFromft.Toft.</div> <div>Screen?TypestainlessMakeJOHNSON</div> <div>DiameterSlot/GauzeLengthSet</div> <div>2 in. 124 ft. 190 ft. 194 ft.</div> <div>Static Water Level</div> <div>13 ft. land surfaceMeasure01/03/2007</div> <div>Pumping Level (below land surface)</div> <div>103 ft. 1 hrs. Pumping at30 g.p.m.</div> <div>Wellhead Completion</div> <div>Pitless adapter manufacturerBAKERModelBULLDOG</div> <div>Casing Protection12 in. above grade</div> <div>At-grade (Environmental Wells and Borings ONLY)</div> <div>Grouting InformationWell Grouted?YesNoNot Specified</div> <div>MaterialAmountFromTo</div> <div>bentoniteft. 46ft.</div> <div>Nearest Known Source of Contamination</div> <div>50 feetDirectionSewer Type</div> <div>Well disinfected upon completion?YesNo</div> <div>PumpNot InstalledDate Installed</div> <div>Manufacturer's name</div> <div>Model NumberHPVolt</div> <div>Length of drop pipeftCapacityg.p.Typ</div> <div>Abandoned</div> <div>Does property have any not in use and not sealed well(s)?YesNo</div> <div>Variance</div> <div>Was a variance granted from the MDH for this well?YesNo</div> <div>Miscellaneous</div> <div>First BedrockAquifer</div> <div>Last StratDepth to Bedrockft</div> <div>Located by</div> <div>Locate Method</div> <div>SystemUTM - NAD83, Zone 15, MetersXY</div> <div>Unique Number VerificationInput Date</div> <div>Angled Drill Hole</div> <div>Well Contractor</div> <div>Boart Longyear2022RAGER, L.</div> <div>Licensee BusinessLic. or Reg. No.Name of Driller</div> |
| Address                                                                                                                      | WellBRIGHTON POINT RD MN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Stratigraphy Information                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Geological Material                                                                                                          | FromTo (ft.)ColorHardness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SANDY CLAY                                                                                                                   | 038BROWN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CLAY                                                                                                                         | 3859GRAY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| GRAVEL, CLAY                                                                                                                 | 5976                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CLAY                                                                                                                         | 7690                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SAND                                                                                                                         | 90200GRAY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Remarks                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |