

637409

County

Washington

Quad

Marine On

Quad ID

118A

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date

06/30/2000

Update Date

08/29/2013

Received Date

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| <div><div>Well Name</div>JELLUM, GREG<div>Township</div>32<div>Range</div>20<div>Dir Section</div>W 27<div>Subsection</div>CBBCDD</div> <div><div>Elevation</div>974 ft.<div>Elev. Method</div>LiDAR 1m DEM (MNDNR)</div>                                                                                                                                                                                                                                                          | <div><div>Well Depth</div>210 ft.<div>Depth Completed</div>210 ft.<div>Date Well Completed</div>02/02/2000</div> <div><div>Drill Method</div>Non-specified Rotary<div>Drill Fluid</div>Additive (+ Bentonite)</div> <div><div>Use</div>domestic<div>Status</div>Active</div> <div><div>Well Hydrofractured?</div><div>Yes</div><input type="checkbox"/><div>No</div><input checked="" type="checkbox"/><div>From</div><div>To</div></div> <div><div>Casing Type</div>Single casing<div>Joint</div>Welded</div> <div><div>Drive Shoe?</div><div>Yes</div><input checked="" type="checkbox"/><div>No</div><input type="checkbox"/><div>Above/Below</div></div> <div><div>Casing Diameter</div>4 in. To<div>Weight</div>198 ft. 10.79 lbs./ft.<div>Hole Diameter</div>8 in. To 198 ft. 4 in. To 210 ft.</div> |          |          |          |          |       |   |     |       |         |          |     |     |       |        |          |     |     |       |      |          |     |     |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <div><div>Address</div><div>Contact</div>13355 195TH ST N SCANDIA MN 55073</div>                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |          |          |          |       |   |     |       |         |          |     |     |       |        |          |     |     |       |      |          |     |     |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <div><div>Stratigraphy Information</div><table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>DRIFT</td><td>0</td><td>148</td><td>BROWN</td><td>SFT-MED</td></tr><tr><td>SANDROCK</td><td>148</td><td>196</td><td>WHITE</td><td>MEDIUM</td></tr><tr><td>LIMEROCK</td><td>196</td><td>199</td><td>BROWN</td><td>HARD</td></tr><tr><td>SANDROCK</td><td>199</td><td>210</td><td>GRAY</td><td>HARD</td></tr></table></div> | Geological Material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | From     | To (ft.) | Color    | Hardness | DRIFT | 0 | 148 | BROWN | SFT-MED | SANDROCK | 148 | 196 | WHITE | MEDIUM | LIMEROCK | 196 | 199 | BROWN | HARD | SANDROCK | 199 | 210 | GRAY | HARD | <div><div>Open Hole</div><div>From</div>198 ft.<div>To</div>210 ft.</div> <div><div>Screen?</div><input type="checkbox"/><div>Type</div><div>Make</div></div> <div><div>Static Water Level</div><div>50 ft.</div><div>land surface</div><div>Measure</div><div>02/02/2000</div></div> <div><div>Pumping Level (below land surface)</div><div>94 ft.</div><div>1 hrs.</div><div>Pumping at</div><div>30 g.p.m.</div></div> <div><div>Wellhead Completion</div><div>Pitless adapter manufacturer</div>MAASS<div>Model</div>4J1<div><input type="checkbox"/> Casing Protection</div><input checked="" type="checkbox"/> 12 in. above grade<div><input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)</div></div> <div><div>Grouting Information</div><div>Well Grouted?</div><input checked="" type="checkbox"/> Yes<div><input type="checkbox"/> No</div><div><input type="checkbox"/> Not Specified</div><div>Material</div>neat cement<div>Amount</div>50 Sacks<div>From</div>0 ft.<div>To</div>198 ft.</div> <div><div>Nearest Known Source of Contamination</div><div>50 feet</div><div>North</div>Direction<div>Septic tank/drain field</div>Type<div>Well disinfected upon completion?</div><input checked="" type="checkbox"/> Yes<div><input type="checkbox"/> No</div></div> <div><div>Pump</div><div><input type="checkbox"/> Not Installed</div><div>Date Installed</div>02/11/2000<div>Manufacturer's name</div>GPM<div>Model Number</div>10P091013<div>HP</div>0.75<div>Volt</div>230<div>Length of drop pipe</div>115 ft<div>Capacity</div>10 g.p.<div>Typ</div>Submersible</div> <div><div>Abandoned</div><div>Does property have any not in use and not sealed well(s)?</div><div><input type="checkbox"/> Yes</div><input checked="" type="checkbox"/> No</div> <div><div>Variance</div><div>Was a variance granted from the MDH for this well?</div><div><input type="checkbox"/> Yes</div><input checked="" type="checkbox"/> No</div> <div><div>Miscellaneous</div><div>First Bedrock</div>Jordan Sandstone<div>Aquifer</div>Jordan<div>Last Strat</div>Jordan Sandstone<div>Depth to Bedrock</div>148 ft<div>Located by</div>Washington Cty.<div>Locate Method</div>GPS SA Off (averaged) (15 meters)<div>System</div>UTM - NAD83, Zone 15, Meters<div>X</div>513031<div>Y</div>5008493<div>Unique Number Verification</div><div>Tag on well</div><div>Input Date</div>06/04/2013</div> <div><div>Angled Drill Hole</div></div> <div><div>Well Contractor</div><div>Mantyla Well Co.</div>82084<div>ROB</div><div>Licensee Business</div><div>Lic. or Reg. No.</div><div>Name of Driller</div></div> |
| Geological Material                                                                                                                                                                                                                                                                                                                                                                                                                                                                | From                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | To (ft.) | Color    | Hardness |          |       |   |     |       |         |          |     |     |       |        |          |     |     |       |      |          |     |     |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DRIFT                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 148      | BROWN    | SFT-MED  |          |       |   |     |       |         |          |     |     |       |        |          |     |     |       |      |          |     |     |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SANDROCK                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 196      | WHITE    | MEDIUM   |          |       |   |     |       |         |          |     |     |       |        |          |     |     |       |      |          |     |     |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LIMEROCK                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 196                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 199      | BROWN    | HARD     |          |       |   |     |       |         |          |     |     |       |        |          |     |     |       |      |          |     |     |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SANDROCK                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 199                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 210      | GRAY     | HARD     |          |       |   |     |       |         |          |     |     |       |        |          |     |     |       |      |          |     |     |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <div><div>Remarks</div><div>WELL LOC. INFO: 41' SOUTH, 7' WEST, SOUTHWEST CORNER GARAGE.</div></div>                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |          |          |          |       |   |     |       |         |          |     |     |       |        |          |     |     |       |      |          |     |     |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |