



Minnesota  
Department of  
Health

# Minnesota Well Index

Version 2.0.59 01/16/19 3:59PM

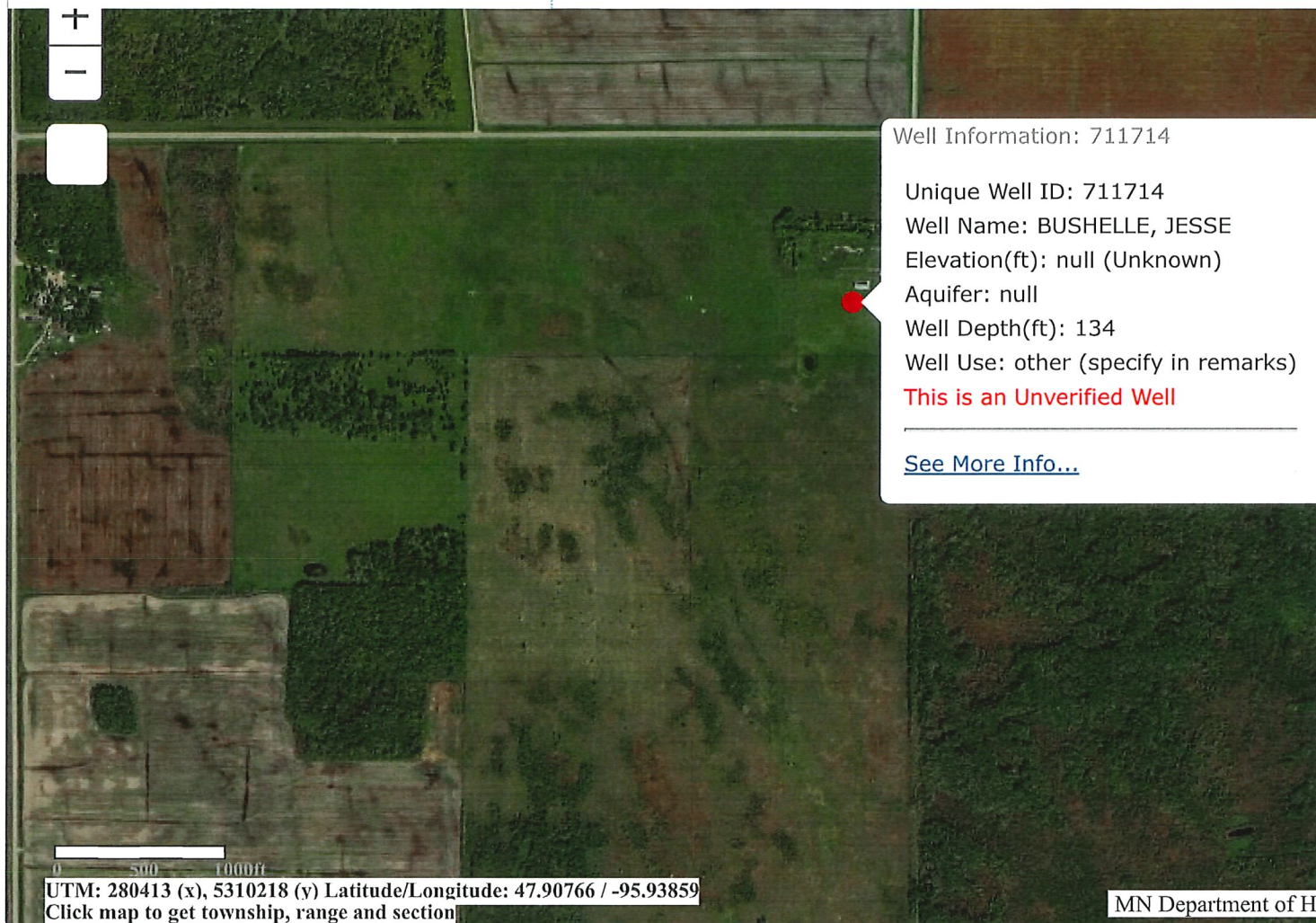
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**WELL LOCATION**

County Name  
Red Lake

Township Name  
Garnes

Township No.  
151-152N

Range No.  
41W

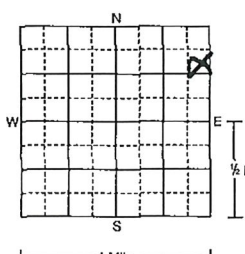
Section No.  
17

Fraction  
SE 1/4 NE 1/4

GPS LOCATION:  
Latitude \_\_\_\_\_ degrees \_\_\_\_\_ minutes \_\_\_\_\_ seconds \_\_\_\_\_  
Longitude \_\_\_\_\_ degrees \_\_\_\_\_ minutes \_\_\_\_\_ seconds \_\_\_\_\_

House Number, Street Name, City, and Zip Code of Well Location  
Rural Plummer mn 56748

or Fire Number \_\_\_\_\_

Show exact location of well in section grid with "X".  


Sketch map of well location. Showing property lines, roads, and buildings.  
Co Rd 1  
\* well

**MINNESOTA DEPARTMENT OF HEALTH**  
**WELL AND BORING RECORD**  
*Minnesota Statutes, Chapter 103I*

MINNESOTA UNIQUE WELL NO.  
**711714**

WELL DEPTH (completed)  
134'

Date Work Completed  
10-13-04

DRILLING METHOD  
☐ Cable Tool ☒ Driven ☐ Dug  
☐ Auger ☒ Rotary ☐ Jetted

DRILLING FLUID  
Super Gel X

WELL HYDROFRACTURED? ☐ Yes ☐ No  
FROM \_\_\_\_\_ ft. TO \_\_\_\_\_ ft.

USE  
☐ Domestic ☐ Monitoring ☐ Heating/Cooling  
☐ Noncommunity PWS ☐ Environ. Bore Hole ☐ Industry/Commercial  
☐ Community PWS ☐ Irrigation ☐ Remedial  
☐ Dewatering ☒ Pasture

CASING  
☐ Steel ☒ Plastic ☐ Drive Shoe? ☐ Yes ☒ No  
☐ Threaded ☐ Welded

HOLE DIAM.  
8 1/8 in. to 30 in.  
6 1/2 in. to 134 in.

CASING DIAMETER  
4 in. to 126 ft.  
\_\_\_\_\_ in. to \_\_\_\_\_ ft.  
\_\_\_\_\_ in. to \_\_\_\_\_ ft.

WEIGHT  
\_\_\_\_\_ lbs./ft.  
\_\_\_\_\_ lbs./ft.  
\_\_\_\_\_ lbs./ft.

SCREEN  
Make Johnson  
Type SS  
Sig/Gauze 12  
Set between 126 ft. and 134 ft.

OPEN HOLE  
FROM \_\_\_\_\_ ft. TO \_\_\_\_\_ ft.  
Diam. 2'  
Length 8'

FITTINGS KPOCKER

STATIC WATER LEVEL  
11 ft. ☒ below ☐ above land surface Date measured 10-13-04

PUMPING LEVEL (below land surface)  
134 ft. after 2 hrs. pumping 50 g.p.m.

WELL HEAD COMPLETION  
☐ Well adapter manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
☐ Casing Protection \_\_\_\_\_ ☒ 2 in. above grade  
☐ At-grade (Environmental Wells and Boring ONLY)

GROUTING INFORMATION  
Well grouted ☒ Yes ☐ No  
Grout material ☐ Neat cement ☒ Bentonite ☐ Concrete ☐ High Solids Bentonite  
from 30 to 134 ft. \_\_\_\_\_ yds. \_\_\_\_\_ bags  
from \_\_\_\_\_ to \_\_\_\_\_ ft. \_\_\_\_\_ yds. \_\_\_\_\_ bags  
from \_\_\_\_\_ to \_\_\_\_\_ ft. \_\_\_\_\_ yds. \_\_\_\_\_ bags

NEAREST KNOWN SOURCE OF CONTAMINATION  
110' feet West direction Barn type

Well disinfected upon completion ☒ Yes ☐ No

PUMP  
☐ Not installed Date installed 10-15-04  
Manufacturer's name Aermotor  
Model number T-1250 HP 1/2 Volts 230  
Length of drop pipe 40 ft. Capacity 12 g.p.m.  
Type ☒ Submersible ☐ L.S. Turbine ☐ Reciprocating ☐ Jet

ABANDONED WELLS  
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 TN# \_\_\_\_\_

WELL CONTRACTOR CERTIFICATION  
This well was drilled under my supervision and in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.

REMARKS, ELEVATION, SOURCE OF DATA, etc.  
well Gravel packed.

MINN. DEPT OF HEALTH COPY 711714

Licensee Business Name Brozoid wells 60638 Lic. or Reg. No. 10-2204  
Authorized Representative Signature Keith L Brozoid Date \_\_\_\_\_  
Name of Driller \_\_\_\_\_

HE-01205-08 (Rev. 5/02)



711714

County Red Lake

Quad

Quad ID

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

Entry Date

Update Date 05/07/2007

Received Date 01/10/2005

<b>Well Name</b> BUSHELLE,	<b>Township</b> 151	<b>Range</b> 41	<b>Dir Section</b> W 17	<b>Subsection</b> AAD	<b>Well Depth</b> 134 ft.	<b>Depth Completed</b> 134 ft.	<b>Date Well Completed</b> 10/13/2004
<b>Elevation</b>	<b>Elev. Method</b>				<b>Drill Method</b> Non-specified Rotary	<b>Drill Fluid</b> Qwik gel	
<b>Address</b> Well PLUMMER MN 56748					<b>Use</b> other (specify in remarks) <b>Status</b> Active		
<b>Stratigraphy Information</b>					<b>Well Hydrofractured?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>From</b> <b>To</b>		
Geological Material					<b>Casing Type</b> Single casing <b>Joint</b>		
CLAY					<b>Drive Shoe?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>Above/Below</b>		
CLAY					<b>Casing Diameter</b> <b>Weight</b> <b>Hole Diameter</b>		
CLAY SAND					4 in. To 126 ft. lbs./ft. 8.8 in. To 30 ft.		
CLAY GRAVEL					6.5 in. To 134 ft.		
SAND							
					<b>Open Hole</b> <b>From</b> <b>ft.</b> <b>To</b> <b>ft.</b>		
					<b>Screen?</b> <input checked="" type="checkbox"/> <b>Type</b> stainless <b>Make</b> JOHNSON		
					<b>Diameter</b> <b>Slot/Gauze</b> <b>Length</b> <b>Set</b>		
					2 in. 12 8 ft. 126 ft. 134 ft.		
					<b>Static Water Level</b>		
					11 ft. land surface Measure 10/13/2004		
					<b>Pumping Level (below land surface)</b>		
					134 ft. 2 hrs. Pumping at 50 g.p.m.		
					<b>Wellhead Completion</b>		
					Pitless adapter manufacturer Model		
					<input type="checkbox"/> Casing Protection <input checked="" type="checkbox"/> 12 in. above grade		
					<input type="checkbox"/> At-grade (Environmental Wells and Borings ONLY)		
					<b>Grouting Information</b> Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Specified		
					<b>Material</b> <b>Amount</b> <b>From</b> <b>To</b>		
					bentonite 2 Sacks ft. 30 ft.		
					<b>Nearest Known Source of Contamination</b>		
					<u>110</u> feet <u>West</u> Direction <u>Barnyard</u> Type		
					Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
					<b>Pump</b> <input type="checkbox"/> Not Installed Date Installed <u>10/15/2004</u>		
					Manufacturer's name AERMOTOR		
					Model Number <u>T-12-50</u> HP <u>0.5</u> Volt <u>230</u>		
					Length of drop pipe <u>40</u> ft Capacity <u>12</u> g.p. Typ <u>Submersible</u>		
					<b>Abandoned</b>		
					Does property have any not in use and not sealed well(s)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
					<b>Variance</b>		
					Was a variance granted from the MDH for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
					<b>Miscellaneous</b>		
					First Bedrock Aquifer		
					Last Strat Depth to Bedrock ft		
					Located by		
					Locate Method		
					System UTM - NAD83, Zone 15, Meters X Y		
					Unique Number Verification Input Date		
					<b>Angled Drill Hole</b>		
					<b>Well Contractor</b>		
					Brovold Wells 60638 BROVOLD, K.		
					Licensee Business Lic. or Reg. No. Name of Driller		