MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING RECORD

Minnesota Statutes, Chapter 103I

MINNESOTA UNIQUE WELL AND BORING NO.

784313

WELL OR BORING LOCATION

County Name: Goodhue #12-005C

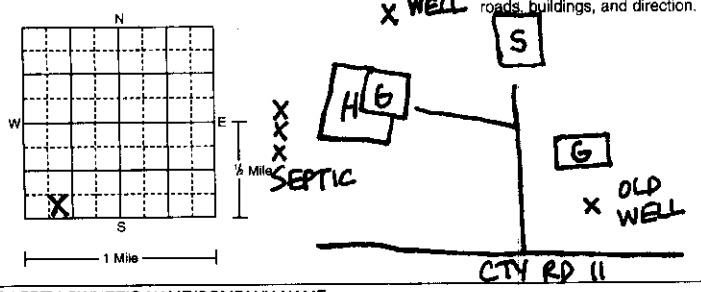
Township Name	Township No.	Range No.	Section No.	Fraction
Pine Island	109N	15W	28	SE ¼ SW ¼ SW ¼

GPS LOCATION: Latitude ____ degrees ____ minutes ____ seconds ____ Longitude ____ degrees ____ minutes ____ seconds ____

House Number, Street Name, City, and Zip Code of Well Location: 1330 Cty Rd 11 Blvd.

or Fire Number:

Show exact location of well/boring in section grid with "X." Sketch map of well/boring location. Showing property lines, roads, buildings, and direction.



PROPERTY OWNER'S NAME/COMPANY NAME: Brandon & Nicole Lawson

Property owner's mailing address if different than well location address indicated above.
1330 Cty Rd 11 Blvd.
Pine Island, MN 55963

WELL OWNER'S NAME/COMPANY NAME: Same

Well/boring owner's mailing address if different from property owner's address indicated above.

RECEIVED MAY 2012 WELL MGT.

GEOLOGICAL MATERIALS	COLOR	HARDNESS OF MATERIAL	FROM	TO
Soil	Black	Soft	0	1
Clay	Brown	Soft	1	30
Clay	Grey	Soft	30	45
Med Gravel	Brown	Soft	45	95
Sandstone	Yellow	Soft	95	120
Limestone	Brown	Hard	120	265
Limestone	Grey	Hard	265	420
Sandstone	Light Grey	Soft	420	460

Use a second sheet, if needed.

REMARKS, ELEVATION, SOURCE OF DATA, etc.

PCL R68-700-0120

280' well sealed on property MN Unique No. H294698.

RECEIVED MAY -7 2012

MINN. DEPT. OF HEATLH COPY 784313

WELL/BORING DEPTH (completed): 460 ft.

DATE WORK COMPLETED: 4/16/12

DRILLING METHOD: ☐ Cable Tool ☐ Driven ☐ Dug ☐ Auger ■ Rotary ☐ Jetted ☐ ____

DRILLING FLUID: Bentonite & Foam

WELL HYDROFRACTURED? ☐ Yes ■ No From ____ ft. To ____ ft.

USE: ■ Domestic ☐ Monitoring ☐ Heating/Cooling ☐ Noncommunity PWS ☐ Environ. Bore Hole ☐ Industry/Commercial ☐ Community PWS ☐ Irrigation ☐ Remedial ☐ Elevator ☐ Dewatering ☐ ____

CASING MATERIAL: ■ Steel ☐ Plastic

Drive Shoe? ■ Yes ☐ No

☐ Threaded ■ Welded ☐ ____

CASING Diameter	Weight	Specifications
8 in. to 120 ft.	25 lbs./ft.	Removed
4 in. to 440 ft.	10.79 lbs./ft.	A53GrB
____ in. to ____ ft.	____ lbs./ft.	____

HOLE DIAM.

12 in. to 120 ft.
8 in. to 440 ft.
4 in. to 460 ft.
____ in. to ____ ft.

SCREEN N/A

Make ____

Type ____ Diam. ____

Slot/Gauze ____ Length ____

Set between ____ ft. and ____ ft. FITTINGS ____

OPEN HOLE From 440 ft. To 460 ft.

STATIC WATER LEVEL: 110 ft. ■ Below ☐ Above land surface Measured from Ground Date measured 4/4/12

PUMPING LEVEL (below land surface): ____ ft. after ____ hrs. pumping ____ g.p.m.

WELLHEAD COMPLETION

■ Pitless/adapter manufacturer Maase Model MM4J1

☐ Casing Protection ■ 12 in. above grade

☐ At-grade (Environmental Well and Boring ONLY)

GROUTING INFORMATION (specify bentonite, cement-sand, neat-cement, concrete, cuttings, or other)

Material Neat From 0 To 440 ft. 7 ■ Yds. ☐ Bags

Material ____ From ____ To ____ ft. ____ ☐ Yds. ☐ Bags

Material ____ From ____ To ____ ft. ____ ☐ Yds. ☐ Bags

Driven casing seal From ____ To ____ ____ Bags

NEAREST KNOWN SOURCE OF CONTAMINATION: 95 feet S direction Sewer Pipe type

Well disinfected upon completion? ■ Yes ☐ No

PUMP

☐ Not installed Date installed 4/12/12

Manufacturer's name J Class

Model Number JAP20JS1543 HP 1½ Volts 230

Length of drop pipe 147 ft. Capacity 20 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.

Carlson Well Drilling, Inc. 1461

Licensee Business Name Lic. or Reg. No.

Paul Carlson No. 81 4/16/12

Certified Representative Signature Certified Rep. No. Date

Paul Carlson/Rusty Carlson

Name of Driller

IC 140-0020

HE-01205-12 (Rev. 12/08)