

WELL RECORD FORM

89507



PWSID# or PWTS No. _____ PWTS Permit No. 51664 GeoSam WNumber (IGS use only) _____

Site Identification

Property owner Marilyn Steenberg Other ID _____
 Address 3545 320th St. City Kadolciffe
 Tenant _____
 Well depth 245 ft Date completed 08/03/18

Drill Method Rotary Auger Cable Other _____

Hole size
12 1/4 inch from 0 ft to 20 ft hole size continued
9 7/8 inch from 20 ft to 151 ft 5 7/8 inch from 151 ft to 245 ft

Location

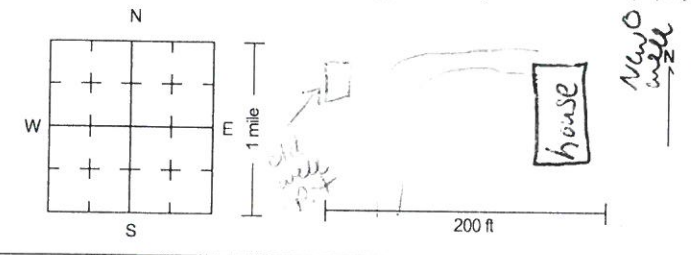
County Hamilton
 GPS coordinates (NAD83 datum)
42-3252925 Latitude -93-473930 Longitude
 Decimal Degrees Degrees, Decimal Minutes Degrees, Minutes, Seconds
 1/4 of the _____ 1/4 of the _____ 1/4 of Sec 34 TWP 87 RNG. 23 ^E _W

Casing or Loop Pipe

Record all depth measurements from ground level (GL). Use + for above GL measurements.

Size (in)	Material	Depth Top	Depth Bottom	Perforated	Slotted	Screen
6"	SOR 21	0	151	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
4 1/2"	SOR 21	145	245	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> slot size _____

Gravel packed amount _____ variety _____
 Seals/packers one top @ 151 type _____
 Bottom capped with dr. packer @ 146



Formation Log

From	To	Color	Hardness	Formation description
1	2			Topsoil
2	15	brown		Clay
15	17	blue		Clay
17	20			Sand & Gravel
20	48	blue	Soft	Sandy Blue Clay
48	50			Sand & Gravel
50	115	Blue		Clay
115	117			Broken Limestone
117	133	Tan Hard		Limestone
133	150	Lt. Brown		Limestone
150	155	Lt. Brown		L.S. w/ Stone Spgs
155	195	Lt. Tan Med		Limestone
195	300	Light Tan		Shale
300	310	Light Tan		Limestone
310	235	Light Tan		Limestone
235	245	Lt. Tan		Limestone

(use additional sheets as needed)

Casing Grout

Placement method _____

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Portland	0	151	20

Pump Installation

Date 1/1/18
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ in Rated capacity _____ GPM

Water Information

Date 18/03/18

Static Water Level	Pumping Water Level	Yield	Duration
<u>66</u> ft	<u>120</u> ft	<u>50</u> GPM @ <u>245</u>	_____ hrs

Water level measurement: Sonic Tape Airline E-line Estimate
 Water yield measurement: Orifice Volumetric Estimate
 Main water-supply zone from 220 ft to 270 ft below GL

Well Development

Physical explain: _____
 Chemical explain: _____

Contractor

Company LARSON Drilling Service LLC
 Address 701 W Maple, Roland, IA
 Driller Riley Larson Certification no. 8416

Remarks (including depth of lost drilling fluids, materials, or tools)

* 30 GPM @ 140' / 10-15 GPM @ 100'

Well Use

Domestic Public supply Livestock
 Heat pump Commercial Irrigation
 # of borehole(s) _____ Monitoring Other _____