

WELL RECORD FORM

86942

PWTS No. or PWS No. 2322202

PWTS Permit No.

GEOSAM Well No. (IGS use only)

Site Identification

Property owner Robert Card Other ID Well #2

Address 2919 US Hwy 67 City Camanche

Tenant BS General Store

Well depth 162 ft Date completed 10 / 12 / 17

Location

County Clinton

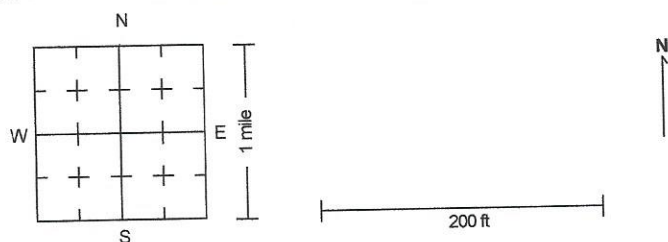
GPS coordinates (NAD83 datum)

41.7507750 Latitude 90.3534420 Longitude

☐ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds

1/4 of the SW 1/4 of the NW 1/4 of Sec 11 TWP 80 RNG 5 E W

Show exact location of well in section grid with a dot (*). Sketch map of well location on property.

Drill Method ☒ Rotary ☐ Auger ☐ Cable ☐ Other

Hole size

11 inch from 0 ft to 80 ft	hole size continued
5 7/8 inch from 80 ft to 162 ft	inch from ft to ft

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	PVC	+1	80	☐	☐	☐ slot size
				☐	☐	☐ slot size
				☐	☐	☐ slot size
				☐	☐	☐ slot size
				☐	☐	☐ slot size

Casing Grout

Placement method haliburton

Type	Depth Top	Depth Bottom	Amount (vol/wt)
bentonite	0	80	10 bags

Formation Log

From	To	Color	Hardness	Formation description
0	5	yel	soft	clay
5	10	yel	soft	sandy clay
10	35	brown	soft	sand
35	40	brown	soft	gravel
40	45	gray	med	shale
45	50	brown	med	rock
50	55	white	med	shale
55	60	brown	med hard	rock
60	65	green	med	shale
65	162	yel	hard	limestone

☐ Gravel packed variety☐ Seals/packers

Pump Installation

Date 10 / 27 / 17

Type of pump submersible Depth to intake 60 ft

Pump diameter 4 in Rated capacity 10 GPM

Water Information

Date 10 / 12 / 17

Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
32 ft	50 ft	26 GPM	24.00 hrs

Water level measurement: ☐ Sonic ☐ Tape ☒ Airline ☐ E-line ☐ EstimateWater yield measurement: ☐ Orifice ☒ Volumetric ☐ Estimate

Main water-supply zone from 65 ft to 162 ft below GL

Well Development

☒ Physical explain: 26gpm @ 50' for 24 hrs☐ Chemical explain:

Contractor

Company Latta Well & Pump Corp

Address 1051 Taylor Ave, Wilton IA 52778

Driller Austen Stoll Certification no. 9987

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

Well Use

☐ Domestic ☒ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

of borehole(s) ☐ Monitoring ☐ Other



Mail form to Iowa Geological Survey: 100 Oakdale IGS, Iowa City, IA 52242-1304

Or click here to e-mail form to: IHR-IGS-WellRecords@uiowa.edu

Make copies for well contractor, customer, and county health department

THE UNIVERSITY OF IOWA

Rev. 2014

LATTA WELL & PUMP CORP

1051 Taylor Avenue
Wilton, IA 52778
(563) 732-3721
FAX (563) 732-3722

Mark Latta
Kurt Hartman
Austen Stoll
E-Mail: lattawell@netwtc.net



October 12, 2017

BS General Store 2919 US Hwy 67, Camanche

PWSID# 2322202

Drill Company
Driller

Latta Well & Pump Corp
Austen Stoll License # 9987

Well drilled on October 12, 2017
162' – 6" PVC well
Casing set 80'
Static water level 35'
Test pumped 50gpm @ 80'
Set pump 80'

Well Log

0' – 5'	yellow clay
5' – 10'	yellow sandy clay
10' – 35'	brown sand
35' – 40'	brown gravel
40' – 45'	gray shale
45' – 50'	brown rock
50' – 55'	white shale
55' – 60'	brown rock
60' – 65'	green shale
65' – 162'	yellow limestone

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October 12, 2017

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2919 US Hwy 67, Camanche

PWSID# 2322202

Well Formation Log

From	To	Color	Hardness	Formation Description
0	5	yellow	Soft	clay
5	10	yellow	Soft	sandy clay
10	15	brown	Soft	sand
15	20	brown	Soft	sand
20	25	brown	Soft	sand
25	30	brown	soft	sand
30	35	brown	Soft	sand
35	40	brown	Soft	gravel
40	45	gray	Med	shale
45	50	brown	Med	rock
50	55	white	Med hard	shale
55	60	brown	Hard	rock
60	65	green	Hard	shale
65	70	yellow	Hard	limestone
70	75	yellow	Hard	limestone
75	80	yellow	Hard	limestone
80	85	yellow	Hard	limestone
85	90	yellow	Hard	limestone
90	95	yellow	Hard	limestone
95	100	yellow	Hard	limestone
100	105	yellow	Hard	limestone
105	110	yellow	Hard	limestone
110	115	yellow	Hard	limestone
115	120	yellow	Hard	limestone
120	125	yellow	Hard	limestone
125	130	yellow	Hard	limestone
130	135	yellow	Hard	limestone
135	140	yellow	Hard	limestone
140	145	yellow	Hard	limestone
145	150	yellow	Hard	limestone
150	155	yellow	Hard	limestone
155	160	yellow	Hard	limestone
160	162	yellow	Hard	limestone