92369

WELL RECORD FORM

PWTS No. *or* PWS No. 7470099 | PWTS Permit No. _____ | GEOSAM Well No. *(IGS use only)* _____

Site Identification

Property owner City of West Bend Other ID _____

Address 301 South Broadway Ave City West Bend

Tenant _____

Well depth 130 ft Date completed 9 / 30 / 2019

Drill Method

☑ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size

16 inch from 0 ft to 130 ft

_____ inch from _____ ft to _____ ft

hole size continued

_____ inch from _____ ft to _____ ft

_____ inch from _____ ft to _____ ft

Location

County Palo Alto

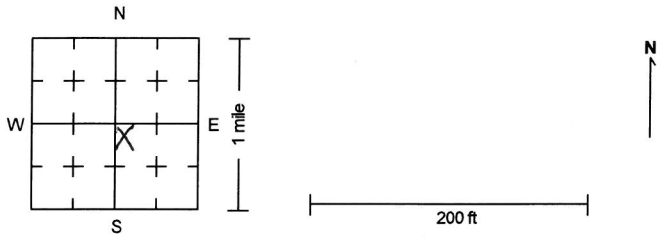
GPS coordinates (NAD83 datum)

425723.9000000 Latitude 94278.7000000 Longitude

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

NW 1/4 of the NW 1/4 of the SE 1/4 of Sec 13 TWP 94 RNG 31 E W

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



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
10	BLACK STEEL	0	100	☐	☐	☐ slot size _____
10	STAINLESS ST	100	130	☐	☐	☑ slot size .015
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____

Casing Grout

Placement method TREMIE PIPE

Type	Depth Top	Depth Bottom	Amount (vol/wt)
BENTONITE	0	95	50
☑ Gravel packed variety 40			
☐ Seals/packers			

Formation Log

From	To	Color	Hardness	Formation description
0	6			TOP SOIL
6	11	BRN		CLAY
11	13	GARY		CLAY
13	16	BRN		CLAY
16	26	BLUE		CLAY W/SAND
26	28		HARD	SHALE AND GRAVEL
28	43	BLUE	SOFT	CLAY/ PEBBLY SAND
43	46	TAN		CLAY/ SANDY
46	53	BLUE	HARD	CLAY
53	57	BLUE	HARD	SANDY CLAY
57	59	GRAY		SANDY CLAY
59	64	BLUE	SOFT	SANDY CLAY
64	76	BLUE	SOFT	CLAY
76	81	BLUE	SOFT	SANDY CLAY
81	88	WHITE	SOFT	SANDY CLAY
88	92	TAN	HARD	SHALE AND GRAVEL
92	130			FINE SAND

(use additional sheets as needed)

Pump Installation

Date 9 / 30 / 2019

Type of pump SUBMERSIBLE Depth to intake 90 ft

Pump diameter 6 in Rated capacity 200 GPM

Water Information

Date 08 / 21 / 2019

Use + for above GL measurements.

Static Water Level	Pumping Water Level	Yield	Duration
17 ft	52 ft	225 GPM	24.00 hrs

Water level measurement: ☐ Sonic ☑ Tape ☐ Airline ☐ E-line ☐ Estimate

Water yield measurement: ☐ Orifice ☑ Volumetric ☐ Estimate

Main water-supply zone from 92 ft to 130 ft below GL

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

Well Development

☑ Physical explain: AIRLIFT, JETTED

☐ Chemical explain: _____

Well Use

☐ Domestic ☑ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

# of borehole(s) ____ ☐ Monitoring ☐ Other _____

Contractor

Company THEIN WELL COMPANY INC

Address 11355 HWY 71 NE, PO BOX 778 SPICER MN 56288

Driller BRIAN PINKELMAN Certification no. 11010

IGS IIHR Hydroscience & Engineering

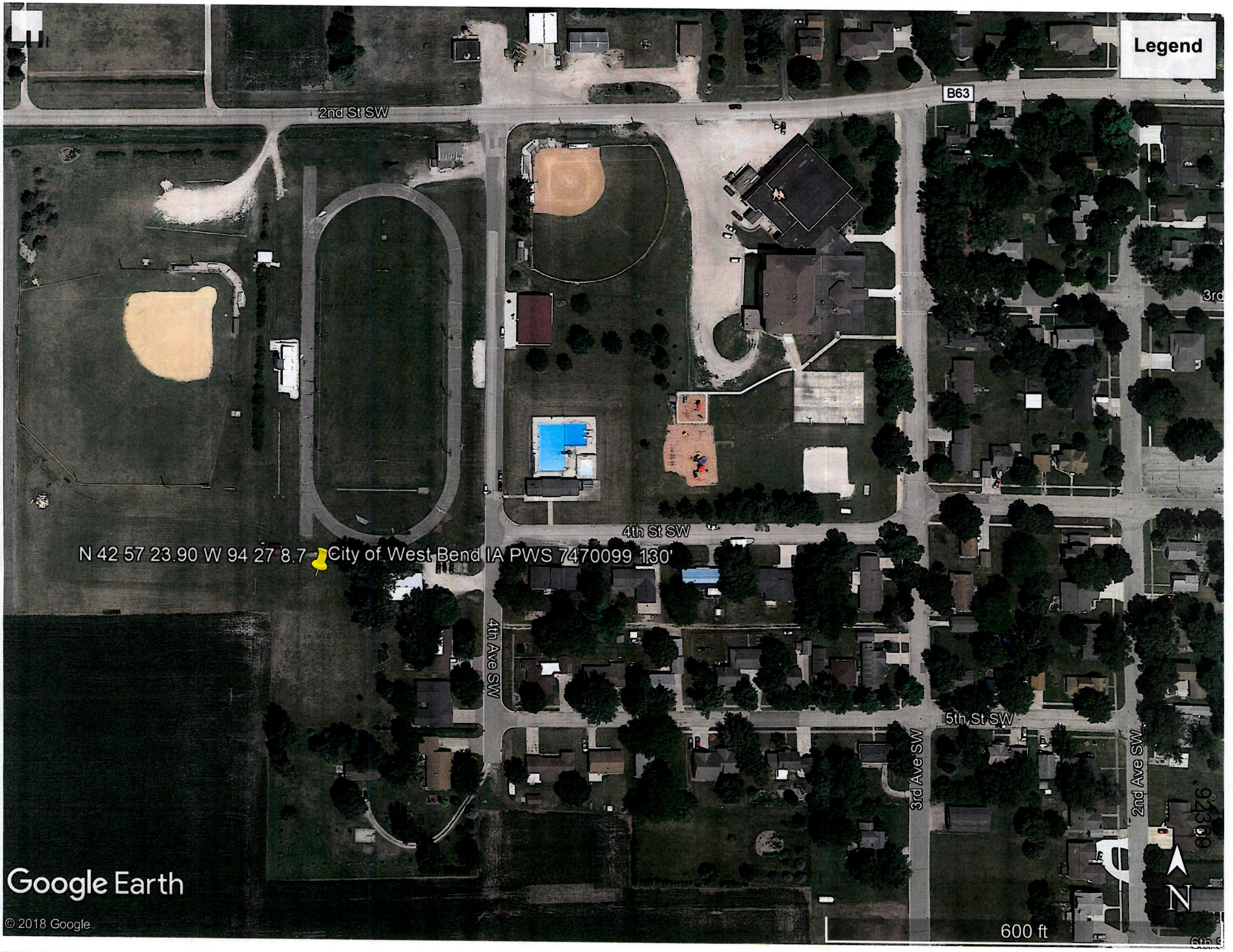
Mail form to **Iowa Geological Survey**: 100 Oakdale IGS, Iowa City, IA 52242-1304

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

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

The University of Iowa

Rev. 2014


Legend
2nd St SW
B63
3rd
4th St SW
N 42 57 23.90 W 94 27 8.7
City of West Bend IA PWS 7470099 130'
4th Ave SW
5th St SW
3rd Ave SW
2nd Ave SW
Google Earth
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600 ft
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