Iowa Department of Natural Resources – Geological Survey
109 Trowbridge Hall, Iowa City, IA 52242-1319 PH (319) 335-1575

WELL RECORD

PWTS Well No. 74948

PWSID No. 4868701
PWTS Permit No. 2012-427W
County Permit No. _____

Site identification

Property Owner Poweshiek Water Asso. Other ID Well #2
Address 125 Industrial Drive, Brooklyn 52211
Tenant _____
Well Depth 35 ft Date completed 8 / 10 / 12

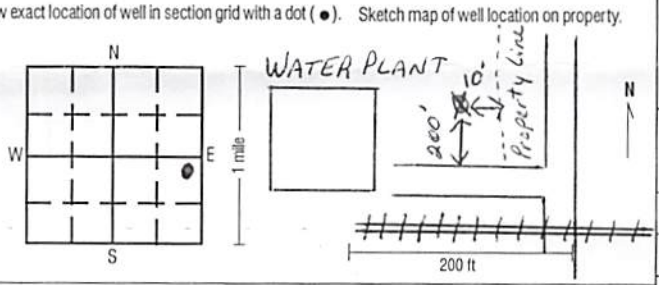
Location

County Iowa

1/4 mi. (N) (S) and 1/8 mi (E) (W) of intersection of P St and 220th Trl
NE 1/4 of the NE 1/4 of the SE 1/4 of Sec 35 TWP 81 RNG 10 (E) (W)

GPS Coordinates (NAD83 datum only) decimal degrees:
41 46 47.3 N. Latitude 91 58 07.9 W. Longitude.

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



☐ upland ☐ hillside ☐ valley ☒ level surface Elevation (if known) 730

Formation log

From	To	Color	Hardness	Formation description
0	2	Black	S	top soil
2	6	Brown	S	silt
6	11	Brown	S	silty sand
11	21	Brown	S	fine sand
21	34.5	Brown	S	fine-med sand
34.5	35	Grey	S	clay & rocks
35	36	Grey	S	clay sandy

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By

use additional sheets as needed

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

24" driven to 36' then removed after setting 12" well

Well use

☐ Domestic ☐ Livestock ☐ Test well
☐ Heat pump ☐ Municipal ☒ Public supply ☐ Irrigation
☐ Commercial ☐ Monitoring ☐ Other _____

Drill method

☐ rotary ☐ auger ☐ cable other Dual Rotary

Hole size

24 inch from 0 ft to 36 ft
____ inch from ____ ft to ____ ft

hole size continued

____ inch from ____ ft to ____ ft
____ inch from ____ ft to ____ ft

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

Casing

Drive shoe (yes) (no) Pitless adapter (yes) (no)

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
12" I.D.	A53-B	0	29	29

Perforated or slotted casing? (yes) (no)

Perforated / slotted from _____ ft to _____ ft
Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes) (no)

Placement method pumped

Type	Depth top	Depth bottom	Amount (vol/wt)
Bentonite	21	23	5 cu ft
Neat Cement	9	21	1/2 yd

Well screen? (yes / no)

Diameter	Slot size	Depth top	Depth bottom	Length	Material
12"	0.040	29	35	6'	stainless
	0.___				

Bottom capped (yes) (no) with stainless plate
Seals / Packers (yes) (no) kind _____ depth _____ ft
Gravel packed (yes) (no) from 23 ft to 36 ft
#40 well pack type Red Flint amount 30 cu. ft.

Well developed? (yes) (no)

Explain surge blocked/pumped for 24 hrs.
(pumped) airlifted, bailed) for 3 hrs at 140 GPM

Pump installed? (yes) (no)

Date 8 / 9 / 12
Installer's name Mark J Traut Wells, Inc.
Type of pump Grundfos 150-S-75-4 Depth to intake 32 ft
Pump diameter 4" Rated capacity 150 GPM

Water information

Aquifer: ☒ sand / gravel ☐ limestone ☐ sandstone
Main water-supply zone from 29 ft to 35 ft ☐ seepage well
Static water level 19.5 ft (below / above) GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
Pumping water level 28 ft below GL; ☒ tape ☐ airline ☐ E-line ☐ estimate
At yield of 140 GPM; ☐ orifice ☐ volumetric ☐ estimate for 3 hours
Measurements taken at 5 : 00 (AM) (PM) Date 8 / 8 / 12

Water quality test? (yes / no)

Date tested 8 / 13 / 12
Tested by Owner

Contractor

Contractor Steffl Well Drilling
Address Wilmar, MN
Driller Tony Traut Certification no. 5280

Send original form to: **Iowa Department of Natural Resources – Geological Survey**

Make photocopies for: **Well Contractor, Customer, and County Health Department**