

077681

Corrected 2-21-13

DNR Iowa Department of Natural Resources

WELL RECORD FORM

Geological and Water Survey

PWTS No. or PWS No. _____ PWTS Permit No. _____

Site Identification
Property owner Poweshiek Water Association Other ID VW14-12
Address 125 Industrial Drive City Brooklyn
Well depth 30 ft Date completed 12 / 26 / 12

Drill Method [] Rotary [] Auger [] Cable [x] Other Dual Rotar
Hole size 30 inch from 0 ft to 30 ft

Location County Tama
GPS coordinates (NAD83 datum) 41 56 28 Latitude 92 35.07 Longitude
[] Decimal Degrees [] Degrees, Decimal Minutes [x] Degrees, Minutes, Seconds
1/4 of the 1/4 of the 1/4 of Sec TWP RNG 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.
Table with columns: Size (in), Material, Depth Top, Depth Bottom, Penetrated, Slotted, Screen

Casing Grout Placement method pumped
Table with columns: Type, Depth top, Depth bottom

Formation Log
Table with columns: From, To, Color, Hardness, Formation description

Pump Installation Date 12 / 26 / 12
Type of pump Grundfos 300S150-3 Depth to Intake 29 ft
Pump diameter 6 in Rated capacity 210 GPM

Water Information Date 12 / 26 / 12
Use + for above GL measurements.
Static Water Level 10 ft Pumping Water Level 19 ft Yield 210 GPM Duration 2.00 hrs
Water level measurement: [] Sonic [x] Tape [] Airline [] E-line [] Estimate
Water yield measurement: [] Orifice [x] Volumetric [] Estimate
Main water-supply zone from 10 ft to 30 ft below GL

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

Well Development
[x] Physical explain: Surge Block
[] Chemical explain:

Well Use
[] Domestic [x] Public supply [] Livestock
[] Heat pump [] Commercial [] Irrigation
of borehole(s) [] Monitoring [x] Other

Contractor
Company Steffl Well Drilling
Address 2295 66th Ave NE, Willmar, MN 56201
Driller [Signature] Certification no. 5280

Project: POWESHIEK WATER ASSO
 TAMA WELL FIELD
 WELL VW14-12



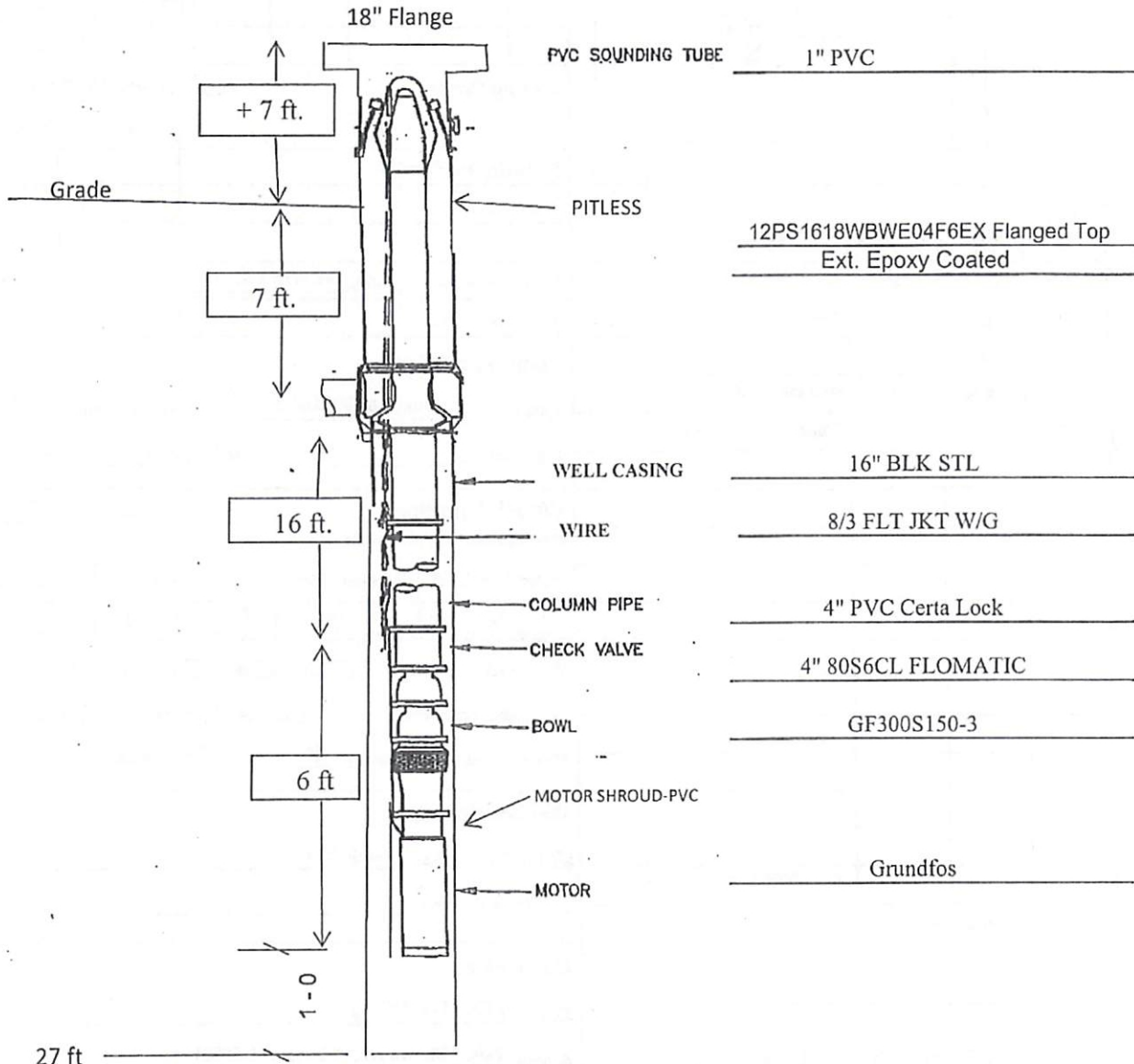
Date: 8/15/13

WELL DATA

Engineer BARTLETT & WEST
 Static Water Level 10'
 Drilling Date 12/26/12
 Driller MARK J TRAUT WELLS, INC

PUMP DATA

Manufacturer GRUNDFOS
 Installation Date December 2012
 Installer MARK J TRAUT WELLS, INC
 Capacity 210 GPM@ 139 TDH
 Motor HP 15 RPM 3600
 Volts 460 Phase 3 HZ 60



(Elevations to be Field Verified)

SUBMERSIBLE PUMP AND PITLESS UNIT

Not to Scale

Columbia, IA
41.94019 -92.58279

