

**Site identification**

Property Owner Chris Funk Other ID \_\_\_\_\_

Address 28402 Hemlock Road

Tenant \_\_\_\_\_

Well Depth 440 ft Date completed 11/ 04 / 13

**Location** County Clayton

\_\_\_\_\_ mi. <sup>N</sup> and \_\_\_\_\_ mi. <sup>E</sup> of intersection of \_\_\_\_\_ and \_\_\_\_\_  
<sub>S</sub> <sub>W</sub>

Se 1/4 of the Se 1/4 of the Se 1/4 of Sec 4 TWP 92 RNG 4 <sup>E</sup> <sub>W</sub>

GPS Coordinates (NAD83 datum only) decimal degrees:  
 \_\_\_\_\_ N. Latitude \_\_\_\_\_ W. Longitude.

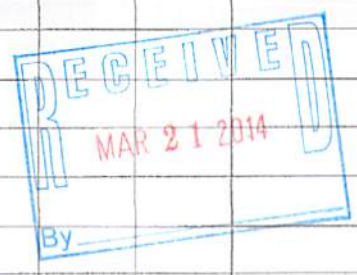
Show exact location of well in section grid with a dot (•). Sketch map of well location on property.

upland  hillside  valley  level surface Elevation (if known) \_\_\_\_\_

**Formation log**

From	To	Color	Hardness	Formation description
0	16	Brn	Soft	Clay
16	37	Brn	Soft	Limestone/Clay
37	63	Brn	Med	Lime rock
63	90	Brn	Med	Shale
90	305	Brn	Hard	Galena Limestone
305	392	Blue	Hard	Shale/Shale rock
392	438	Gray	Med	Sandstone
438	440	Gray	Hard	Lime rock

use additional sheets as needed



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

**Well use**

Domestic  Municipal  Commercial  Monitoring  Other \_\_\_\_\_  
 Livestock  Public supply  Irrigation  Test well

**Drill method**  rotary  auger  cable other \_\_\_\_\_

**Hole size**

12.25 inch from 0 ft to 22 ft	5 inch from 397 ft to 440 ft
8.75 inch from 22 ft to 397 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)
5.9/16	Steel	+3	397	440

**Perforated or slotted casing?** (yes/no)

Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft

**Casing grouted?** (yes/no)  Placement method Tremie pipe

Type	Depth top	Depth bottom	Amount (vol/wt)
bentonite	0 ft	365	28
	365	397	9 sacks

**Well screen?** (yes/no)

Diameter	Slot size	Depth top	Depth bottom	Length	Material
	0. _____				
	0. _____				

Bottom capped (yes/no) with \_\_\_\_\_

Seals / Packers (yes/no) kind \_\_\_\_\_ depth \_\_\_\_\_ ft

Gravel packed (yes/no) from \_\_\_\_\_ ft to \_\_\_\_\_ ft

type \_\_\_\_\_ amount \_\_\_\_\_

**Well developed?** (yes/no)

Explain \_\_\_\_\_

(pumped, aerated, bailed) for \_\_\_\_\_ hrs at \_\_\_\_\_ GPM

**Pump installed?** (yes/no) \_\_\_\_\_ Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Installer's name \_\_\_\_\_

Type of pump \_\_\_\_\_ Depth to intake \_\_\_\_\_ ft

Pump diameter \_\_\_\_\_ Rated capacity \_\_\_\_\_ GPM

**Water information** Aquifer:  sand / gravel  limestone  sandstone

Main water-supply zone from 400 ft to 440 ft  seepage well

Static water level 284 ft (below/above) GL;  tape  airline  E-line  estimate

Pumping water level 360 ft below GL;  tape  airline  E-line  estimate

At yield of 15 GPM;  orifice  volumetric  estimate for \_\_\_\_\_ hours

Measurements taken at 9:00 (AM/PM) Date 11/04/13

**Water quality test?** (yes/no) \_\_\_\_\_ Date tested \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Tested by \_\_\_\_\_

Contractor B & B Drilling

Address Edgewood, IA 52042

Driller Neil Brandenburg Certification no. 1610