89750

WELL RECORD

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

PWTS Well No.: _____

PWTS Permit No. _____
County Permit No. 5225212

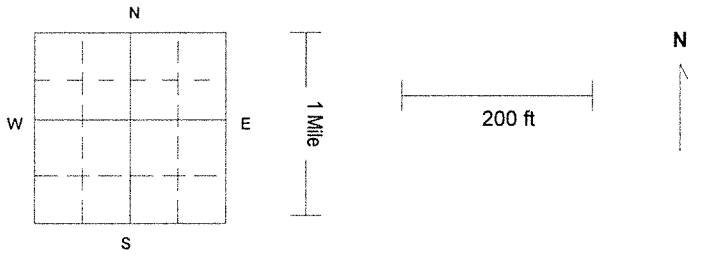
Site Identification

Property Owner: RAPID CREEK CIDERY, RASCH, PAUL ID: _____
Address: 4823 DINGLEBERRY ROAD, IOWA CITY, IA 52240
Tenant: _____
Well Depth: 415 ft Date Completed: 10/29/2018

Location

County: JOHNSON COUNTY IOWA
____mi. N/S and ____mi. E/W of intersection of _____ and _____
NE 1/4 of the SE 1/4 of the SW 1/4 of Sec 20 TW 80N RN 5W E/W
GPS Coordinateds (NAD83 datum only) decimal degrees:
41.720000 N. Latitude -91.461896 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	57			CLAY
57	62		LOOSE	LIMESTONE
62	104			LIMESTONE
104	109			CREVICE
109	116			SANDSTONE
116	186		HARD	LIMESTONE
186	415			LIMESTONE

Remarks

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

*CREVICED, FILLED WITH 12 BAGS OF HOLE PLUG

Well Use

☐ Domestic ☐ Livestock ☐ Test Well
☐ Heat Pump ☐ Municipal ☑ Public Supply ☐ Irrigation
☐ Commerical ☐ Monitoring ☐ Other _____

Drill Method

☑ rotary ☐ auger ☐ cable other _____

Hole Size

16 inch fro 0 ft to 60 ft
10 inch fro 60 ft to 300 ft
6 inch from 300 ft to 415 ft
inch from ft to ft

Casing

Placement Method: LLIBURTON & TREMM ☐ Drive shoe ☐ Plu

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
6 ID	STEEL SCH40/.280	0	300	300

Perforated or Slotted Casing

☐ Perforated ☐ Slotted from ft to ft
☐ Perforated ☐ Slotted from ft to ft

Casing Grouted

☑ Grouted

Type	Depth top	Depth bottom	Amount (vol/wt)
NEAT CEMENT	0	300	126 BAGS

Well Screen

☐ Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material

Bottom Capped ☐ with
Packers ☐ kind depth ft
Seals ☐ kind depth
Gravel packed ☐ from to ft
type amount

Well Developed

☑ Well Developed
Explain WITH AIR
☐ pumped ☑ airlifted ☐ bailed for 1 hrs at 40 GPM

Pump Installed

☑ Pump Installed Date 11-1-18
Type of Pump Submersible Depth to Intake 240 ft
Pump diameter 4 Rated Capacity 25 GPM

Water information

☐ Sand/gravel ☑ Limestone ☐ Sandstone
Main Water-Supply Zone 1 from 300 ft to 400 ft ☐ Seepage Wel
Main Water-Supply Zone 2 from ft to ft
Static water level 68 ft (below/above) GL ☐ tape ☑ airline ☐ E-line ☐ estimate
Pump water level 125 ft (below)GL; ☐ tape ☑ airline ☐ E-line ☐ estimate
At yield of 40 GPM ☐ Orifice ☑ Volumetric ☐ Estimate for 6 hours
Measurement taken at 3:30:00 PM Date 10/29/2018

Water quality test?

☑ Date 11-2-18
Tested by Hygenic lab

Contractor Name GINGERICH WELL PUMP SERVICE, LLC
Address 1331 HWY 1, KALONA, IA 52247
Driller CORWIN GINGERICH Certification No. 2638

Send original form to **Iowa Department of Natural Resouces-Geological Survey**

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