

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

PWTS Well No.:

County Permit No 2015-0278W

Site identification

Property Owner: MACBRIDE POINTE SECOND ADDITIO Other ID: _____Address SOLON, IA 52333

Tenant _____

Well Depth: 425 ft Date Completed: 5/4/2015

Location

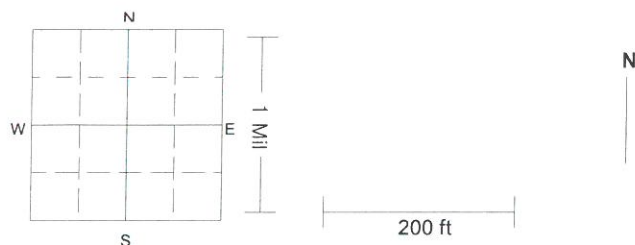
County JOHNSON COUNTY HEALTH DEPT.____ mi. ^N/_S and ____ mi. ^E/_W of intersection of _____ and _____NW 1/4 of the SW 1/4 of the SE 1/4 of Sec 16 TW 81 RN 6W ^E/_W

GPS Coordinateds (NAD83 datum only) decimal degrees:

____ N. Latitude

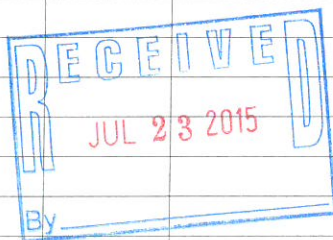
____ W. Longitude.

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	37			
37	84			
84	92			
92				NO RETURN
	210			NO RETURN
210	416			SILURIAN LIMESTONE
416	427	GREEN	FIRM	SHALE



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

0-42 & 0-85 -30CU/FT NEAT CEMENT GROUT - TRIMMIE
85-100 - 48 CU/FT HOLE PLUG
100-241 - 75CU/FT NEAT CEMENT GROUT - TRIMMIE

Well use

☐ Domestic
☐ Livestock
☐ Test Well

☐ Heat Pump
☐ Municipal
☐ Public Supply
☐ Irrigation

☐ Commercial
☐ Monitoring
☐ Other _____
Drill method ☒ rotary ☐ auger ☐ cable other _____

Hole size

16 inch from 0 ft t 42 ft 8 inch from 241 ft t 425 ft
12 inch from 42 ft t 241 ft inch from ft t ft

Casing

☐ Drive shoe ☐ Pitless adaptor

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
8	STEEL	0	241	241

Perforated or slotted casing?

☐ Perforated ☐ Slotted from ft t ft
☐ Perforated ☐ Slotted from ft t ft

Casing grouted? ☒ Grouted Placement method: SEE REMARKS

Type	Depth top	Depth bottom	Amount (vol/wt)

Well Screen? ☐ Screen

Diameter	Slot size	Depth top	Depth bottom	Lenght	Material

Bottom Capped ☐ withSeals/Packers ☐ kind depth ft

Gravel packed ☐ from to ft
type amount

Well developed? ☒ Well DevelopedExplain WITH AIR
☐ pumped ☒ airlifted ☐ bailed for 1 hrs at GPM
Pump installed? ☐ Pump Installed Date

Installer's Name

Type of Pump

Pump diameter

Depth to Intake

Rated Capacity GPM

ft

GPM

Water information ☐ Sand/gravel ☒ Limestone ☐ SandstoneMain water-supply zone 1 from 241 ft to 416 ft ☐ seepage well

Main water-supply zone 2 from ft to ft

Static water level 86 ft (below/above) G ☐ tape ☐ airline ☐ E-line ☒ estimatePump water level 170 ft (below GL) ☐ tape ☐ airline ☐ E-line ☒ estimateAt yield of 120 GPM; ☐ Orifice ☐ Volumetric ☒ Estimate for hours

Measurement taken at Date

Water quality test? ☐ Date

Tested by

Contractor name GINGERICH WELL PUMP SERVICE, LLCAddress 1331 HWY 1, KALONA, IA 52246Driller Corwin GingerichCertification no. 2638