

68542

5/9/2011 Johnson County, Iowa

WELL RECORD

PWTS Permit N 8245303

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.

Site Identification

Property Owner: RIVER HIGHLANDS HOMEOWNER Other ID:

Address 23811 284TH AVE, LE CLAIRE, IA 52753

Tenant

Well Depth: 450 ft Date Completed: 7/19/2011

Location

County SCOTT COUNTY HEALTH DEPT

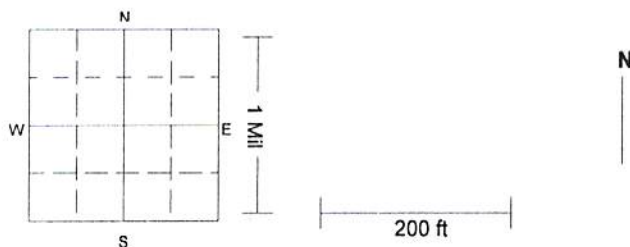
mi. N and mi. E of intersection of and

1/4 of the 1/4 of the NW 1/4 of Sec 14 TW 79N RN 5E W

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	70	YELLOW		CLAY
70	98	BLUE		CLAY
98	120	GREY	STICKY	CLAY
120	126	RED		SAND
126	179	BLUE		CLAY
179	222	YELLOW	SOFT	LIMESTONE
222	224	GREY		SHALE
224	280	YELLOW		LIMESTONE
280	282	YELLOW	SOFT	LIMESTONE
282	370	LT/BRN		LIMESTONE
370	440	YELLOW		LIMESTONE W/CHERT
440	445	GREY		LIMESTONE
445	450	GREEN		SHALE

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

FIRST WATER @ 280'

Well use

☐ Domestic
☐ Livestock
☐ Test Well

☐ Heat Pump
☐ Municipal
☒ Public Supply
☐ Irrigation

☐ Commercial
☐ Monitoring
☐ Other

Drill method ☒ rotary ☐ auger ☐ cable other

Hole size
 13 inch from 0 ft to 240 ft
 8 inch from 240 ft to 450 ft

Casing Drive shoe (yes/no) Pitless adaptor (yes/no)
 Size (ID/OD) Type/ Wt Depth top Depth bottom Amount (length)
 8" 322 STEEL 0 240 240

Perforated or slotted casing? ☐ Perforated casing ☐ Slotted casing
☐ Perforated ☐ Slotted from ft t ft
☐ Perforated ☐ Slotted from ft t ft

Casing grouted? ☒ Grouted Placement method: HALLIBURTON
 Type Depth top Depth bottom Amount (vol/wt)
 CEMENT 0 240 140 CUBIC FT

Well Screen? ☐ Screen
 Diameter Slot size Depth top Depth bottom Length Material

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

Well developed? ☒ Well Developed
 Explain AIR
☐ pumped ☐ airlifted ☐ bailed for hrs at GPM

Pump Installed? ☐ Pump Installed Date
 Installer's Name
 Type of Pump Depth to Intake ft
 Pump diameter Rated Capacity GPM GPM

Water Information ☐ Sand/gravel ☒ Limestone ☐ Sandstone
 Main water-supply zone from 280 ft to 400 ft ☐ seepage well
 Static water level 130 ft (below/above) G ☐ tap ☐ airline ☐ E-line ☒ estimate
 Pump water level ft (below GL) ☐ tape ☐ airline ☐ E-line ☒ estimate
 At yield of GPM; ☐ Orifice ☐ Volumetric ☒ Estimate for hours
 Measurement taken at Date

Water quality test? ☐ Date
 Tested by

Contractor name GINGERICH WELL PUMP SERVICE, LLC
 Address 1331 HWY 1, KALONA, IA 52246
 Driller KLINT GINGERICH Certification no. 2639

