

63844

WELL RECORD

PWTS Permit N

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 2007-0344W

Site Identification

Property Owner Lake Odessa Home Owners Assn. Other IDAddress 9836 F AVE WAPELLO IA 52653

Tenant

Well Depth: 240 ft Date Completed: 6/7/2007

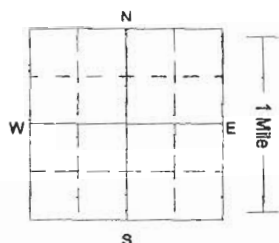
Location

County LOUISA COUNTY WELL COORDINATEmi. ^N_S and mi. ^E_W of intersection of andNW 1/4 of the SE 1/4 of the NW 1/4 of Sec 20 TW 74 RN 2W E 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	40	BROWN	SOFT	CLAY
40	62	GREY	SOFT	CLAY
62	102	GREY	FIRM	CLAY
102	108	GREY	FIRM	SAND
108	118	GREY	FIRM	CLAY
118	122	GREY	FIRM	SAND
122	182	GREY	FIRM	CLAY
182	186	GREY	FIRM	SAND(SILTY)
186	187	GREY	FIRM	SAND
187	206	GREY	FIRM	CLAY
206	240	GREY	FIRM	SAND

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

Well use

☐ Domestic
☐ Livestock
☐ Test Well

☐ Heat Pump
☐ Municipal
☒ Public Supply
☐ Irrigation

☐ Commerical
☐ Monitoring
☐ Other
Drill method ☒ rotary ☐ auger ☐ cable other

Hole size

11 inch	from	0 ft	t	240 ft	inch	from	ft	t	ft
inch	from	ft	t	ft	inch	from	ft	t	ft

Casing

Drive shoe (yes/no)

Pitless adaptor (yes/no)

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
6.9	PVCSDR17	0	230	230

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: TRIMIE

Type	Depth top	Depth bottom	Amount (vol/wt)
BENSEAL	0	230	28 BAGS

Well Screen?

☒ Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material
6	0.02	230	240	10	PVC

Bottom Capped ☒ with PVCSeals/Packers ☐ kind depth ftGravel packed ☒ from 220 to 240 ft
type PEA #2 amount 15Well developed? ☐ Well Developed

Explain

☐ pumped ☒ airlifted ☐ bailed for 1 hrs at 60 GPMPump 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 ☐ SandstoneMain water-supply zone from 230 from to 240 ft ☐ seepage wellStatic water level 134 ft (below/above) GL ☐ tap ☐ airline ☐ E-line ☒ estimatePump water level 180 ft (below GL) ☐ tape ☐ airline ☐ E-line ☒ estimateAt yield of 30 GPM; ☐ Orifice ☐ Volumetric ☒ Estimate for hoursMeasurement taken at 1:00:00 PM Date 6/7/2007Water quality test? ☐ Water quality tested Date

Tested by

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