

65770

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 2008-0444W

Site Identification

Property Owner: LISBON, CITY OF WELL #4 Other ID: PWSL

Address HWY 30 & BRENNEMAN LN, LISBON, IA 52253

Tenant

Well Depth: 440 ft Date Completed: 11/3/2008

Location County LINN COUNTY

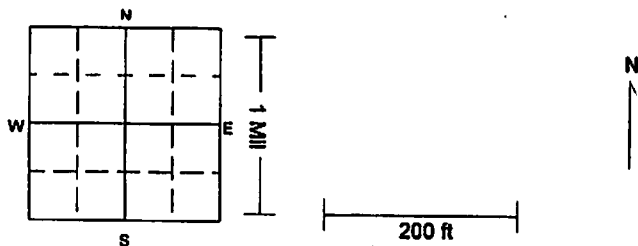
mi. N S and mi. E W of intersection of and

1/4 of the 1/4 of the 1/4 of Sec 13 TW 82N RN 5W 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

Table with 5 columns: From, To, Color, Hardness, Formation description. Rows include CLAY, SAND, BROKEN LIME, LIME, DOLOMITE, and LIMESTONE.

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

Well use

- Domestic, Heat Pump, Commercial, Livestock, Municipal, Monitoring, Test Well, Public Supply, Irrigation, Other

Drill method rotary auger cable other

Hole size

Table with 4 columns: Hole size (inches), Depth (feet), and corresponding values for 24, 19, 18, and 12 inch holes.

Table with 5 columns: Casing Size (ID/OD), Drive shoe (yes/no), Pitless adaptor (yes/no), Depth top, Depth bottom, Amount (length).

Perforated or slotted casing? Perforated casing Slotted casing

- Perforated Slotted from ft t ft

Casing grouted? Grouted Placement method: HALLIBURTON

Table with 4 columns: Type, Depth top, Depth bottom, Amount (vol/wt). Includes CEMENT with 150 BAS.

Well Screen? Screen

Table with 6 columns: 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

pumped airlifted bailed for 3 hrs at 400 GPM

Pump installed? Pump Installed Date 12/08/08

Installer's Name Greiners Well & Pump

Type of Pump Submersible Depth to Intake 210' ft

Pump diameter 6" Rated Capacity GPM

Water information Sand/gravel Limestone Sandstone

Main water-supply zone from 171 ft to 373 ft seepage well

Static water level 33 ft (below/above) GL tap airline E-line estimate

Pump water level 79 ft (below GL) tape airline E-line estimate

At yield of 300 GPM; Orifice Volumetric Estimate for 26 hours

Measurement taken at Date 11/12/2008

Water quality test? Date 11/12/08

Tested by

Contractor name GINGERICH WELL PUMP SERVICE, LLC

Address 1331 HWY 1, KALONA, IA 52246

Driller CORWIN GINGERICH Certification no. 2638