

WELL RECORD 88944

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. 2018-0187W

Site Identification

Property Owner WAYNE ZION LUTHERAN CHURCH, ID: _____

Address 15531 COUNTY ROAD E-17, MONTICELLO, IA 52310

Tenant _____

Well Depth: 275 ft Date Completed: 4/6/2018

Location County JONES COUNTY IOWA

 mi.^N and mi.^E of intersection of and

1/4 of the 1/4 of the 1/4 of Sec TW RN 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	20	YELLOW	FIRM	CLAY
20	48	GRAY	FIRM	CLAY
48	275	YELLOW	HARD	LIMESTONE

COPY

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

Well Use

Domestic Municipal Monitoring Other _____

Livestock Public Supply Other _____

Test Well Irrigation _____

Heat Pump Commerical

Drill method rotary auger cable other _____

Hole size

10 inch from 0 ft to 86 ft inch from ft to ft

6 inch from 86 ft to 275 ft inch from ft to ft

Casing Placement method: TRIMMIE Drive shoe Plu

Size (ID/OD)	Type/Wt	Depth top	Depth bottom	Amount (length)
6 ID	STEEL SCH40/.280	+1	86	87

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	86	20 BAGS

Well Screen? Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material

Bottom Capped with _____

Packers kind _____ depth ft

Seals kind _____ depth ft

Gravel packed from _____ to _____ ft

type _____ amount _____

Well developed? Well Developed

Explain WITH AIR

pumped airlifted bailed for 12 hrs at 30 GPM

Pump installed? Pump Installed Date _____

Type of Pump _____ Depth to Intake _____ ft

Pump diameter _____ Rated Capacity GPM _____ GPM

Water information Sand/gravel Limestone Sandstone

Main water-supply zone 1 from 114 ft to 268 ft seepage well

Main water-supply zone 2 from _____ ft to _____ ft

Static water level 38 ft (below/above) GL tape airline E-line estimate

Pump water level 72 ft (below GL) tape airline E-line estimate

At yield of 40 GPM; Orifice Volumetric Estimate for 12 hours

Measurement taken at 4:00:00 PM Date 4/6/2018

Water quality test? Date _____

Tested by _____

Contractor Name GINGERICH WELL PUMP SERVICE, LLC

Address 1331 HWY 1, KALONA, IA 52247

Driller VAL GELEMENT Certification No. 10711