

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 2008-0070W

Site Identification

Property Owner: SINDT JOHN
Other ID: _____

Address: 787 WILCOX RD. MOUNT VERNON IA 52314

Tenant: _____

Well Depth: 255 ft
Date Completed: 12/26/2007

Location

County LINN COUNTY

mi. ^N_S and mi. ^E_W of intersection of _____ and _____

SW 1/4 of the NW 1/4 of the NW 1/4 of Sec 17 TW 82N RN 5W ^E_W

GPS Coordinates (NAD83 datum only) decimal degrees:

41.916478 N. Latitude
91.462086 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	48	YELLOW	SOFT	CLAY
48	104	BLUE	SOFT	CLAY
104	107	GREY	SOFT	SAND
107	110	BLUE	SOFT	CLAY
110	168	YELLOW	FIRM	LIMESTONE
168	174	YELLOW	SOFT	SHALEY LIMESTONE
174	188	TAN	FIRM	LIMESTONE
188	195	LT GREY	FIRM	LIMESTONE
195	255	TAN	SOFT	LIMESTONE

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 to 180 ft
6 inch from 180 ft to 255 ft

Casing

Drive shoe (yes/no) _____
Pitless adaptor (yes/no) _____

Size (ID/OD)	Type/ Wt	Depth top	Depth bottom	Amount (length)
6	PVCDSDR17	1	180	181

Perforated or slotted casing?

☐ Perforated
☐ Slotted
from _____ ft to _____ ft

Casing grouted?

☒ Grouted
Placement method: HALLIBURTON

Type	Depth top	Depth bottom	Amount (vol/wt)
BENSEAL	0	180	15 BAGS

Well Screen?

☐ Screen

Diameter	Slot size	Depth top	Depth bottom	Length	Material
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Bottom Capped

☐ with _____

Seals/Packers

☒ kind RUBBER
depth 174-179 ft

Gravel packed

☐ from _____ to _____ ft
type _____ amount _____

Well developed?

☒ Well Developed

Explain

☐ pumped
☒ airlifted
☐ bailed for 2 hrs at 75 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

180 ft to 255 ft
☐ seepage well

Static water level

52 ft (below/above) GL
☐ tap
☐ airline
☐ E-line
☒ estimate

Pump water level

83 ft (below GL)
☐ tape
☐ airline
☐ E-line
☒ estimate

At yield of

44 GPM;
☐ Orifice
☐ Volumetric
☒ Estimate for 11 hours

Measurement taken at

3:00:00 PM
Date 12/26/2007

Water quality test?

☐
Date _____

Tested by

Contractor name GINGERICH WELL PUMP SERVICE, LLC
Address 1331 HWY 1, KALONA, IA 52246
Driller JOSEPH W. ALLEN
Certification no. 1035