

Site Identification

Property Owner City of Wesley #5 Other ID _____
Address _____
Tenant _____
Well Depth 447 ft Date completed 7/29/16

Location

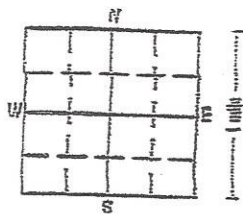
County Kossuth

_____ mi. _____ and _____ mi. _____ of intersection of _____ and _____
1/4 of the _____ 1/4 of the _____ 1/4 of the _____ Sec _____ TWP _____ RNC _____

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 ☐ Inside ☐ Overlay ☐ Horizontal ☐ Section (known)

Formation log

From	To	Color	Hardness	Formation description
0	2	Black	S	topsoil
2	4	Black	S	dirt fill hauled in
4	14	yellow	S	Clay
14	57	Blue	S	Clay
57	59	Brown	S	wood
59	112	Blue	S	Sand Clay
112	131	white	S	Gravel & Shale
131	170	gray	S	Clay
170	173	brown	S	Gravel
173	175	light gray	S	Clay
175	189	yellow	S	Clay
189	194	light gray	S	Shale
194	199	tan	mH	Dolomite
199	205	green	S-m	Shale/Sandstone

use additional sheets as needed

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

Well use

☐ Domestic
☐ Livestock
☐ Test well

☐ Heat pump
☒ Municipal
☐ Public supply
☐ Irrigation

☐ Commercial
☐ Manufacturing
☐ Other

Drill method

☐ rotary ☐ auger ☐ cable ☐ other

Hole size

15 1/2 inch from 0 ft to 230 ft
7 7/8 inch from 230 ft to 447 ft

hole size continues

_____ inch from _____ ft to _____ ft
_____ inch from _____ ft to _____ ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

Casing

Diameter (yes/no)

Pileless casing (yes/no)

Size (D/OD)	Type / Vt	Depth top	Depth bottom	Amount (length)
8"	Steel	+28"	230	232' 4"

Perforated or slotted casing? (yes/no)

Perforated / slotted from _____ ft to _____ ft
Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no)

Placement method pumped

Type	Depth top	Depth bottom	Amount (vol/wt)
Cement	0	230	7 yds

Well screened? (yes/no)

Diameter	Slot size	Depth top	Depth bottom	Length	Material
0					
0					

Bottom capped? (yes/no)

with _____

Seals/Packers (yes/no)

kind _____ depth _____ ft

Gravel packed? (yes/no)

from _____ ft to _____ ft

type _____ amount _____

Well developed? (yes/no)

Explain _____
(pumped, drilled, bored) for _____ insert _____ GPS

Pump installed? (yes/no)

Date _____/_____/____

Installer's name _____

Type of pump _____ Depth to intake _____ ft

Pump diameter _____ Rated capacity _____ GPM

Water information

Aquifer ☐ sand/gravel ☐ limestone ☐ sandstoneMain water supply zone from 230 ft to 270 ft ☐ spring wellStatic water level 120 ft (below/above) GL; ☒ tape ☐ airline ☐ line ☐ estimatePumping water level 240 ft below GL; ☐ tape ☒ line ☐ line ☐ estimateA yield of 25 GPM; ☐ on line ☐ volumetric ☐ estimate for _____ hours

Measurements taken at _____ (AM/PM) Date _____/_____/____

Water quality test? (yes/no)

Date tested _____/_____/____

Tested by _____

Contractor Schumacher wellAddress 2001 Slagle Dr AlgonaDriller Jeremy Walker Certification no. 6087

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County _____

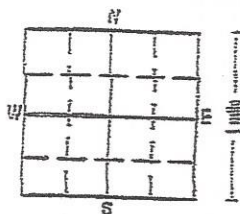
_____ mi. N and _____ mi. W of intersection of _____ and _____
1/4 of the _____ 1/4 of the _____ 1/4 of the _____ Sec _____ TWP _____ RNC _____

GPS Coordinates (NAD83 datum only) decimal degrees:

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Show exact location of well on section grid with a dot (•). Sketch map of well location on property.



☐ Upland ☐ Inland ☐ Overlay ☐ Watershed ☐ Section (Diagram)

Formation log

From	To	Color	Hardness	Formation description
205	214	tan	MH	Limestone
214	215	green	S	Shale
215	217	light brown	MH	Limestone
217	221	white	S-MH	Limestone strips of shale
221	230	tan	MH	Dolomite
230	270	green yellow	softer	Sandstone
270	279	white	MH	Limestone
279	282	gray	MH	Limestone
282	297	white brown	MH	Limestone
297	308	white gray	MH	Limestone
308	313	brown	MH	Limestone
313	320	gray	MH	Limestone
320	327	tan	MH	Limestone
327	336	gray	MH	Dolomite: Shale

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

Well use

☐ Domestic
☐ Livestock
☐ Test well

☐ Heat pump
☐ Municipal
☐ Public supply
☐ Irrigation

☐ Commercial
☐ Monitoring
☐ Other

Drill method

☐ rotary ☐ auger ☐ cable ☐ other _____

Hole size

_____ inch from _____ ft to _____ ft
_____ inch from _____ ft to _____ ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

Casing

Size (ID/OD)	Type / Vt	Depth (yes/no)		Pileless depth (yes/no)	
		Top	Bottom	Top	Bottom

Perforated or slotted casing? (yes/no)

Perforated / slotted from _____ ft to _____ ft
Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no)

Type	Depth top	Depth bottom	Amount (vol/vt)

Well screen? (yes/no)

Diameter	Slot size	Depth top	Depth bottom	Length	Material

Bottom capped (yes/no) with _____

Seals / Packers (yes/no) kind _____ depth _____ ft

Gravel packed (yes/no) from _____ ft to _____ ft
type _____ amount _____

Well developed? (yes/no)

Explain _____
(pumped, drilled, bailed) for _____ hrs at _____ GPM

Pump installed? (yes/no)

Date _____/_____/____
Installer's name _____
Type of pump _____ Depth to intake _____ ft
Pump diameter _____ Rated capacity _____ GPM

Water information

Aquifer: ☐ sand/gravel ☐ limestone ☐ sandstone
Main water supply zone from _____ ft to _____ ft ☐ storage well
Static water level _____ ft (below/above) GL; ☐ tape ☐ airline ☐ line ☐ estimate
Pumping water level _____ ft below GL; ☐ tape ☐ airline ☐ line ☐ estimate
At yield of _____ GPM; ☐ orifice ☐ volumetric ☐ estimate for _____ hours
Measurements taken at _____ (AM/PM) Date _____/_____/____

Water quality test? (yes/no)

Date tested _____/_____/____
Tested by _____

Contractor Schumacher well

Address _____

Driller J Walker

Certification no. 6087

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