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WELL RECORD

pg 1 of 2
#35026

Site Identification

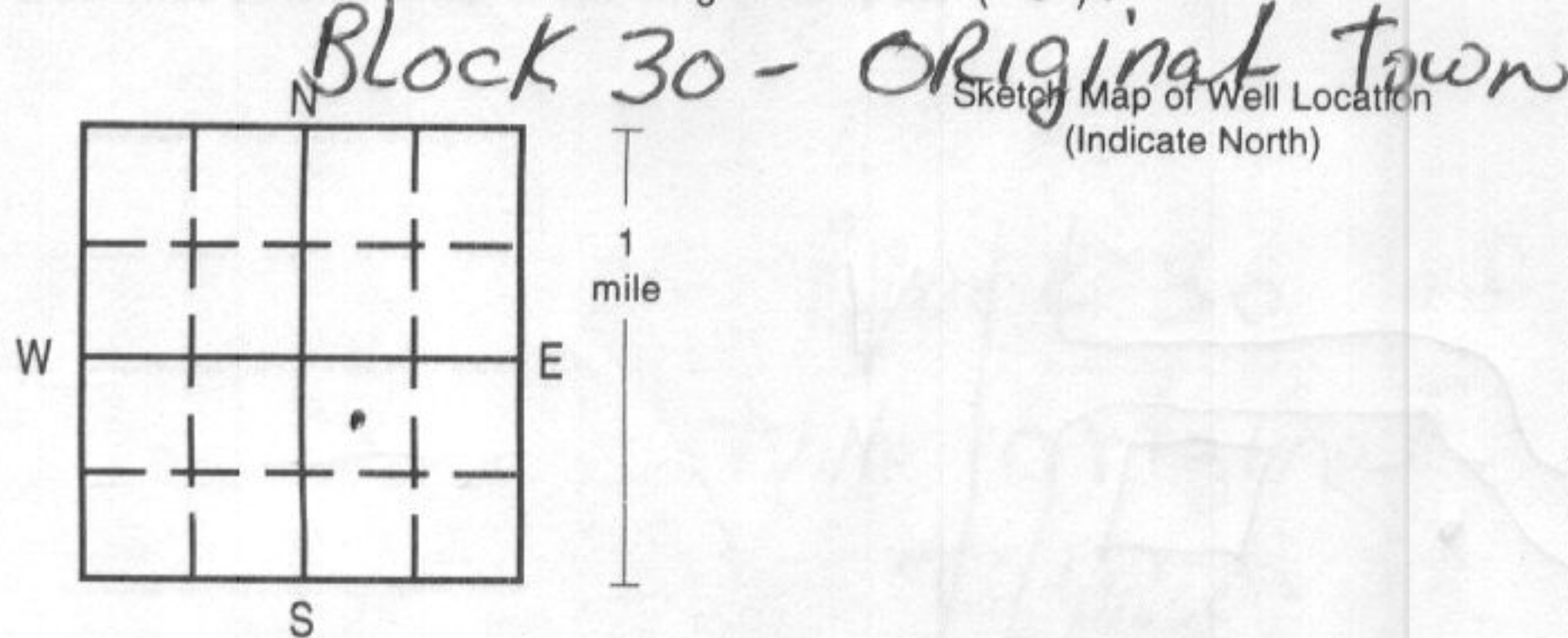
Property Owner City of Wesley Well Number 4
Address _____

Tenant _____
Well Depth 386 ft. Date Completed 6 / 13 / 94

Location

County Kossuth
Well is _____ mi. N and _____ mi. E of intersection of _____ and _____
NW 1/4 of the _____ 1/4 of the _____ 1/4 of Sec 35 TWP 96N RNG 27 E

Show exact location of well in section grid with a dot (•).



Formation Log

From	To	Color	Hardness	Description
0	2	BLK	S	top soil
2	17	YEL	"	Clay
17	56	Blue	"	"
56	62	gray	"	GRAVEL
62	94	"	"	Clay
94	96	BLK	"	"
96	117	gray	"	"
117	127	"	"	SAND & GRAVEL
127	142	"	"	Clay
142	169	"	"	SAND & GRAVEL
169	181	"	"	Clay
181	182	BRN	m/H	Rock
182	199	Red	S	Clay
199	204	BRN	H	Limestone
204	205	Blue	S	Shale
205	210	White	m/H	Limestone
210	221	white	"	"
221	222	GRAY	S	Rock
222	281	white	"	Dolomite
281	289	"	m/H	Limestone
289	293			

Remarks (Topographic position, elevation, development, disinfection, water quality, etc.)

258 ft @ 30 gpm.

Well Use

☐ Domestic ☒ Municipal ☐ Industrial
☐ Livestock ☒ Public Supply ☐ Monitoring
☐ Test Well ☐ Irrigation ☐ Other _____

Measuring Point (MP)

All depth measurements are made from:
☒ Ground Level ☐ KB/other _____ ft. (above/below) ground level

Hole Size

14 inch from 0 ft. to 211 ft. continued _____ inch from _____ ft. to _____ ft.
7 7/8 inch from 211 ft. to 386 ft. _____ inch from _____ ft. to _____ ft.

Casing

Size	Type / Wt.	Depth Top	Depth Bottom	Amount (length)
8" ID	Steel	0	211-2"	211-2"

Perforated or Slotted Casing? (yes / no)

Perforated / Slotted from _____ ft. to _____ ft.
Perforated / Slotted from _____ ft. to _____ ft.

Casing Grouted? (yes / no)

☐ Neat Cement ☒ Bentonite ☐ other _____
from 0 ft. to 211 ft.
from _____ ft. to _____ ft.

Well Screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Amount	Type / Mfg.

Gravel packed? (yes / no) from _____ ft. to _____ ft.

Bottom capped? (yes / no) with _____

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

Water Information

Main water supply zone from 301 ft. to 386 ft.
Supply zone rock type (sand/gravel, limestone, sandstone) Limestone
Final water head (static water level) 59 ft. (below / above) the MP
Pumping water level 200 ft. below MP at yield of 150 GPM
Water quality tested? (yes / no) Date tested _____ / _____ / _____
Tested by _____
Parameters tested for: _____
Test results _____

Pump

Pump installed? (yes / no) Date _____ / _____ / _____
Type of pump _____ Manufacturer's name _____
Depth to intake _____ ft. Tail pipe? (yes / no) length _____ ft.
Pump diameter _____ inches Rated capacity _____ GPM

Contractor's name Schumacher Well Drilling Registration no. CD40097

Address 2201 Slagle Dr. Algona

Driller's name Jim Schumacher Drill method (rotary / cable) rotary

WELL RECORD

- 01/18 Pg 2 of 2

Site Identification

Property Owner City of Waukee Well Number 4

Address _____

Tenant _____

Well Depth 386 ft. Date Completed 6/13/94

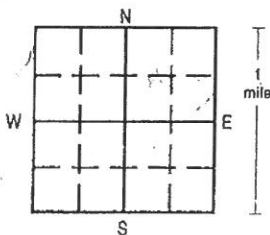
Location

County Kossuth

Well is _____ mi. ^N and _____ mi. ^E of intersection of _____ and _____

NW 1/4 of the _____ 1/4 of the _____ 1/4 of Sec 25 TWP 44 Rng 27

Show exact location of well in section grid with a dot (•).



Sketch Map of Well Location
(Indicate North)

Block 30 of
the original
survey

Formation Log

From	To	Color	Hardness	Description
293	301	white	M	Limestone
301	303	"	S	Dolomite
303	307	"	M	Limestone
307	311	gray	"	Shalestone
311	328	"	M/H	Limestone
328	351	Blue	S	Dolomite
351	355	Blue	H	Limestone
355	386	white	S	Dolomite

use second sheet if needed

Remarks

(Topographic position, elevation, development, disinfection, water quality, etc.)

Well Use

- ☐ Domestic ☒ Municipal ☐ Industrial
☐ Livestock ☒ Public Supply ☐ Monitoring
☐ Test Well ☐ Irrigation ☐ Other _____

Measuring Point (MP)

All depth measurements are made from:

☒ Ground Level ☐ KB/other _____ ft. (above/below) ground level

Hole Size

1 1/2 inch from 0 ft. to 211 ft.

1 1/2 inch from 211 ft. to 386 ft.

continued

_____ inch from _____ ft. to _____ ft.

_____ inch from _____ ft. to _____ ft.

Casing

(ID / OD) ?

Drive shoe? (yes / no)

Pitless adaptor? (yes / no)

Size	Type / Wt.	Depth Top	Depth Bottom	Amount (length)
3" ID	Steel	0	211.0	211.0

Perforated or Slotted Casing? (yes / no)

Perforated / Slotted from _____ ft. to _____ ft.

Perforated / Slotted from _____ ft. to _____ ft.

Casing Grouted? (yes / no)

☐ Neat Cement ☒ Bentonite ☐ other _____
from 0 ft. to 211 ft.
from _____ ft. to _____ ft.

Well Screen? (yes / no)

Diameter	Slot size	Depth Top	Depth Bottom	Amount	Type / Mfg.

Gravel packed? (yes / no) from _____ ft. to _____ ft.

Bottom capped? (yes / no) with _____

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

Water Information

Main water supply zone from 201 ft. to 386 ft.

Supply zone rock type (sand/gravel, limestone, sandstone) limestone

Final water head (static water level) _____ ft. (below / above) the MP

Pumping water level _____ ft. below MP at yield of 150 GPM

Water quality tested? (yes / no) Date tested 1 / 1 / 1

Tested by _____

Parameters tested for: _____

Test results _____

Pump

Pump installed? (yes / no) Date 1 / 1 / 1

Type of pump _____ Manufacturer's name _____

Depth to intake _____ ft. Tail pipe? (yes / no) length _____ ft.

Pump diameter _____ inches Rated capacity _____ GPM

Contractor's name John H. H. H. Registration no. 12345

Address 2221 1st St. Waukee, IA

Driller's name John H. H. H. Drill method (rotary / cable) rotary