

UNITED STATES DEPARTMENT OF THE INTERIOR

Geological Survey
Water Resources Division

Local Well No. 084-46W-01ABB

Aquifer Code(s) Q6GX

Water Quality
(ppm)

Owner's Name WHITING CITY #2 (1949)

W Number 03920

Card Q

State: IOWA County: MONONA Town: WHITING, IOWA

Latitude: 42° 07' 36" N Longitude: 091° 08' 45" W Seq. No.: 1 Date: 10/05/50

Sampling Depth: 115 Type: 1 Kx10⁶: 884 pH: 7.5 Temp. °F:

SiO₂: Ca: 123 Mg: 39 Na: 36 K:

HCO₃: 515 CO₃: 0 SO₄: 94 Cl: 6 Source No.: 3 Q

Card R

Duplicate Columns 1-25 from Card Q

F: NO₃: 0 PO₄: B: Al: Fe: 42

Mn: Cu: Pb: Zn:

Determined: 638 Solids: Ca, Mg: 477 Hardness: Non-Carb.: 55

Color: No. R

Card S

Duplicate Columns 1-25 from Card Q

Br: I: Alk. as CaCO₃: 422 Free CO₂: SAR:

RSC: ABS:

Alpha (pc/l): Beta (pc/l): Ra (pc/l): U (ug/l):

No. S
80

Recorded by: D. AARONSON

Punched by: T Date:

Published:

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Local Well No. 084-46W-0/ABB

Aquifer Code(s) QGGX

Water Quality
(ppm)

Owner's Name WHITING CITY #2 (1949)

W Number 03920

Card Q

State: IOWA 1: 1 2: 9 County: MONONA 3: 6 4: 7 Town: WHITING, IOWA

Well No. Latitude Longitude Seq. No. Date

420736N 0960845 1 080162

Sampling Depth Type Kx10⁶ pH Temp. °F

SiO₂ Ca Mg Na K

HCO₃ CO₃ SO₄ Cl Source No.

Card R

Duplicate Columns 1-25 from Card Q

F NO₃ PO₄ B Al Fe

Mn Cu Pb Zn

Determined Solids Ca, Mg Hardness

Color No.

 R

Card S

Duplicate Columns 1-25 from Card Q

Br I Alk. as CaCO₃ Free CO₂ SAR

RSC ABS

Alpha (pc/l) Beta (pc/l) Ra (pc/l) U (ug/l)

No. S
80

Recorded by: D. AARONSON

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UNITED STATES DEPARTMENT OF THE INTERIOR

Geological Survey
Water Resources Division

Local Well No. 084-46W-01ABB

Aquifer Code(s) Q66X

Owner's Name WHITING CITY #2 (1949)

W Number 03920

Water Quality
(ppm)

Card Q

State: Iowa 19 County: MONONA 67 Town: WHITING, IOWA

Well No. Latitude 420736N Longitude 0960845 Seq. No. 1 Date 030668

Sampling Depth 115 Type 1 Kx10⁶ 970 pH 7.1 Temp. °F 55

SiO₂ 33 Ca 132 Mg 36 Na 40 K 8.7

HCO₃ 551 CO₃ 0 SO₄ 100 Cl 4 Source No. 3 Q

Card R

Duplicate Columns 1-25 from Card Q

F 4 NO₃ 9 PO₄ 3 B 3 Al 6 Fe 3

Mn 53 Cu 1 Pb 1 Zn 1

Determined 564 Solids 100 Ca, Mg 480 Hardness 28

Color 1 No. R

Card S

Duplicate Columns 1-25 from Card Q

Br 1 I 1 Alk. as CaCO₃ 452 Free CO₂ 1 SAR 1

RSC 1 ABS 1 1

Alpha (pc/l) 1 Beta (pc/l) 1 Ra (pc/l) 1 U (ug/l) 1

No. S
80

Recorded by: D. AARONSON

Punched by: T Date: _____

Published: _____

DRILLER'S NOTEBOOK

WELL RECORD

DRILLER F. D. SALMON

ADDRESS CONCORD

NEBRASKA

W-3920

OWNER SALMON WELL CO

ADDRESS CONCORD & WAKEFIELD

NEBRASKA

RETURN TO
IOWA GEOLOGICAL SURVEY
IOWA CITY, IOWA

RECORD OF PERMANENT CASING

Size Pipe	Amount of Pipe	Depth to Bottom of Pipe	Depth to Top of Pipe	Type* and Weight of Pipe	DIAGRAM OF WELL
8"	101	101	111	STEEL 25 FT	

*As cast, wrought iron, steel, concrete, etc.

Is screen used? YES Diameter 8"
(Inches)

Length 11'4" Depth to bottom.....
(Feet)

Depth to top..... Slot size 20 #

Are packers or seals used? LEAD PACKER
Kind JOHNSON WITH BAIL DOWN SHOE

Where used

Kind of pump..... Dia.....
(Inches)

Capacity of pump.....
(g.p.m.)

Power used.....
(Kind and amount)

Depth to bottom of pump line..... feet,
including..... feet tailpiece.

Remarks on construction of well.....
.....

Sample No.	DEPTH		THICKNESS
	From	To	
1	1 FT	10 FT	10 FT
2	10 FT	18 FT	
3	20 FT	25 FT	
4	25 FT	30 FT	
5	30 FT	35 FT	
6	35 FT	40 FT	
7	40 FT	45 FT	
8	45 FT	50 FT	
9	50 FT	55 FT	Coal
10	55 FT	60 FT	
11	60 FT	65 FT	
12	65 FT	70 FT	
13	70 FT	75 FT	
14	75 FT	80 FT	
15	80 FT	85 FT	
16	85 FT	90 FT	
17	90 FT	95 FT	

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
^{Cemented} SANDY CLAY OR TILL
MIXTURE OF CLAY AND LIMESTONE
BLUE CLAY
BLUE SAND & CLAY - SOME WATER
Blue Sand & Clay mixed
Blue Sand & Clay mixed
Blue Sand & Clay mixed
Blue Sand & Gravel & Stones
Blue Sand & Clay & Rocks & Gravel
Blue Clay, Sand, Gravel, Coal & Stones
Blue Course Gravel Coal & some Stones
Blue Sand & Clay
Blue Sand & some coarse Stones
Blue Gravel Course & Big Stones
Blue Sand Gravel & Big Stones
Blue Sand Gravel & Big Stones
1 2 11 11 11

