

IOWA GEOLOGICAL SURVEY  
In Cooperation with U. S. Geological Survey

W 5546

RECORD OF WELL

Location:

Town: Norwalk ( NE )  
( SW ): County Waukegan  
E.  
sec. \_\_\_ T \_\_\_ N., R. \_\_\_ W. \_\_\_ Twp.


Well name and number Town of Norwalk (1952) Test Well #11

Owner Town of Norwalk Address \_\_\_\_\_

Tenant \_\_\_\_\_ Address \_\_\_\_\_

Contractor McCutcheon Well Co. Address Des Moines

Drillers F. S. McCutcheon

Drilling dates 1952

Well data:

Elevations: Drilling curb \_\_\_\_\_ feet; Land surface \_\_\_\_\_ feet

Determined by \_\_\_\_\_

Topographic position \_\_\_\_\_

Total depth: Reported 40 1/2 feet, Measured \_\_\_\_\_ feet

Drilling method Cable Tool

Hole and casing date 5 5/8" ID BIK. STS Csg. to 36'

5 5/8" x 5' #125 Slot Johnson Everdur screen

with std. fittings set at 41' lapped into csg.

Total length of screen 6'. Lead packer swedged

& well surged clean

Original depth to water 5 1/2 ft. <sup>above</sup> below LS Date \_\_\_\_\_

Original elevation of water level \_\_\_\_\_ ft.; Source of data \_\_\_\_\_

Sources of water: Principal \_\_\_\_\_; Others \_\_\_\_\_

Production data:

Date

1952

Static depth to water

5 1/2

Measuring point

LS

Pumping level

2 1/2

at

48

g.p.m.

8 hr test.

Specific capacity

g.p.m. per ft. drawdown; Temperature

°F.

Pump data; Type pump

Column Dia.

Length

Cylinder or bowls: Dia.

Length

Suction pipe

Power

Airline

Estimated rate of production:

g.p.m. for

hrs. a day

Use of water

WATER ANALYSES (in parts per million)

Date samples

Sampled by

Total solids

Insoluble matter

Alkalinity (Meo)

Alkalinity (Phn)

pH

Fe<sub>2</sub>O<sub>3</sub>-Mn<sub>2</sub>O<sub>3</sub>-Al<sub>2</sub>O<sub>3</sub>

Alkali as sodium

Calcium

Magnesium

Iron (unfiltered)

Manganese

Nitrate

Fluoride

Chloride

Sulfate

Bicarbonate

Hardness (ppm)

Hardness (gpg)

Remarks

Laboratory data:

Sample storage location

CL7-5

Sample range

21-40-6

No. spls.

4

No. dupls. & cond.

4 Good

Spls. prepared by

A. Adams

Washed range

by

Driller's log and cond.

Insoluble residues: Prepared by

Studied by

Strip log

Microscopic study

strip log

9/11/52

Gen. log

Correl. by

NORTHUP

See Folder W-5546

Developed as  
Final Town well

IOWA GEOLOGICAL SURVEY  
Iowa City, Iowa

Well Log Record

Called Town well #2  
See well schedule (junc)  
(Town test #11)

Well name and number Town of Marshall test #11 Town \_\_\_\_\_ County \_\_\_\_\_

Owner of well \_\_\_\_\_ Address \_\_\_\_\_

Tenant \_\_\_\_\_ Address \_\_\_\_\_

Location NE 1/4 sec. 25, T. 77 N., R. 25 W. \_\_\_\_\_ Twp. \_\_\_\_\_

Curb elevation \_\_\_\_\_ ft. depth \_\_\_\_\_ ft. depth \_\_\_\_\_ ft.

Static level: (Depth to water <sup>above</sup> 8 feet <sub>below</sub> curb) 5 1/2 ft. level 2 1/2 ft. at 48 g.m.

Contractor McCurtain Well Co. Date drilled 1952

Description*	F E E T			Description*	F E E T		
	Thick	From	To		Thick	From	To
Top Soil		0	2				
Yell drift		2	19				
Sl. & gravel	60	19	35				
" " Co.	125	35	40 1/2				
Gray S. limst.		40 1/2					

\*Abbreviate descriptions: use one line for each formation

Remarks on water zones and casings 800 feet South of #10.

5 5/8 inch ID. Black 5 x 5 cog. to 36' ; 5 feet of 5 5/8 inch 1/25 slot Johnson  
Excess dirt screen with std. fittings set at 41' lapped into cog.  
Total length of screen 6'; Lead packer swedged. & well surged.

Temperature: Air \_\_\_\_\_ °F., Water \_\_\_\_\_ °F. at P.M. \_\_\_\_\_ 19 \_\_\_\_\_

Record obtained from FS-MC Recorded by JBC

Field inventory by R.A. Karsten Nov. 1968 to locate and elevate.  
See well schedule in Survey files (junc).