

## WELL RECORD

Well is located.....1 miles ~~N~~ ~~E~~ S and 2 miles ~~N~~ ~~E~~ S from  
~~W~~ ~~W~~

Dixon in.....  
 (Nearest Town) (County)

in the .....  $\frac{1}{4}$  .....  $\frac{1}{4}$  Sec. .... T. .... R. ....

Owner Girl Scout Camp Well No. 1

Postoffice address Dixon

Contractor .....

Address .....

Driller .....

Well begun....., 1947;

completed....., 1947

Rig used—Cable, Rotary, Jet, or Cable

Depth of well.....  
 (Feet)

Size of hole (note total amount of each size).....  
 .....

Main water supply at.....  
 (Feet below surface)

Final water head.....  
 (Feet above or below surface)

Is well pumped?.....

Yield.....  
 (Gallons per minute)

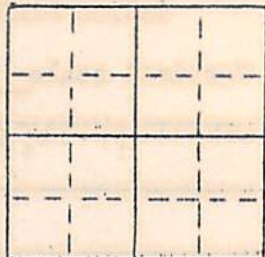
Water level when pumping.....

Position of well.....  
 (Upland, valley, side hill, etc.)

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

W-2993

RECORD OF WELL



Location:

Town:

Dixon

( N E )  
( S W )

County

Scott

E.

N E N E N W

sec. 23 T

R. 10 N., R.

W.

Liberty

Twp.

Well name and number

Girl Scout Camp

Owner

Address

Dixon

Tenant

Address

Contractor

Edwards

Address

West Branch

Drillers

Joe Kintz

Drilling dates

August 1947

Well data:

Elevations: Drilling curb

feet;

Land surface

7.81

feet

Determined by

ALT W J B

Topographic position

Hill slope

Total depth: Reported

250

feet, Measured

feet

Drilling method

cable tool

Hole and casing data

142'8" of 8-inch casing to 143'

wooden plug + 6-inch pipe cemented

Original depth to water

61

ft. above

below

Date

Original elevation of water level

ft.; Source of data

Sources of water: Principal

147-240 Sil.

; Others

Production data: \_\_\_\_\_ Date \_\_\_\_\_

Static depth to water 61 Measuring point \_\_\_\_\_  
Pumping level 65 at 50 g.p.m.

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	<u>7/28/48</u>	_____	_____	_____
Sampled by	<u>W. S. Bulow</u>	_____	_____	_____
Total solids	<u>314.</u>	_____	_____	_____
Insoluble matter	<u>7.</u>	_____	_____	_____
Alkalinity (Meo)	<u>286.</u>	_____	_____	_____
Alkalinity (Phn)	<u>None</u>	_____	_____	_____
pH	<u>7.7</u>	_____	_____	_____
Fe <sub>2</sub> O <sub>3</sub> + Mn <sub>2</sub> O <sub>3</sub> +Al <sub>2</sub> O <sub>3</sub>	<u>2.</u>	_____	_____	_____
Alkali as sodium	<u>5.8.</u>	_____	_____	_____
Calcium	<u>61.</u>	_____	_____	_____
Magnesium	<u>32.5</u>	_____	_____	_____
Iron (unfiltered)	<u>None</u>	_____	_____	_____
Manganese	<u>"</u>	_____	_____	_____
Nitrate	<u>"</u>	_____	_____	_____
Fluoride	<u>0.2</u>	_____	_____	_____
Chloride	<u>4.0</u>	_____	_____	_____
Sulfate	<u>2.7</u>	_____	_____	_____
Bicarbonate	<u>348.9</u>	_____	_____	_____
Hardness (ppm)	<u>286.</u>	_____	_____	_____
Hardness (gpg)	<u>16.1</u>	_____	_____	_____

Remarks \_\_\_\_\_

Laboratory data: \_\_\_\_\_ Sample storage location \_\_\_\_\_

Sample range 52-250 No. spls. 32 No. dupls. & cond. 25 - Poor

Spls. prepared by PJH. Washed range. 52-250 by PJH

Driller's log and cond. \_\_\_\_\_

Insoluble residues: Prepared by \_\_\_\_\_ Studied by \_\_\_\_\_ Strip log \_\_\_\_\_

Microscopic study 52-250 strip log Oct 16, 1947

Gen. log \_\_\_\_\_ Correl. by M. Parker

WATER LEVEL DATA

Measuring point \_\_\_\_\_

Date	Depth to water	Altitude	Remarks

REMARKS

rock very broken 52-103, solid below