WELL RECORD

Well is located 1 miles N E W and 2 miles N E W from

Dixon in _____,
(Nearest Town) (County)

in the ____ ¼ ____ ¼ Sec. ____ T. ____ R. ____

Owner Girl Scout Camp Well No. 1

Postoffice address Dixon

Contractor _____

Address _____

Driller _____

Well begun _____, 19 47;

completed _____, 19 47

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 1
(Feet above or below surface)

Is well pumped? _____

Yield _____
(Gallons per minute)

Water level when pumping _____

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

W-2993

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

RECORD OF WELL

Location:

Town: Dixon (N E / S W): County Scott E.

NE NE NW sec. 23 T 80 N., R. 1 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 781 feet

Determined by ALT WJB

Topographic position Hillslope

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 Ls. ; 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	7/28/48			
Sampled by	W. J. Bulow			
Total solids	314.			
Insoluble matter	7.			
Alkalinity (Meo)	286.			
Alkalinity (Phn)	None			
pH	8/11/48 7.7			
$Fe_2O_3 + Mn_2O_3 + Al_2O_3$	2.			
Alkali as sodium	5.8			
Calcium	61.			
Magnesium	32.5			
Iron (unfiltered)	None			
Manganese	"			
Nitrate	"			
Fluoride	0.2			
Chloride	4.0			
Sulfate	2.7			
Bicarbonate	348.9			
Hardness (ppm)	286.			
Hardness (gpg)	16.1			

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