

WELL RECORD

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 Well is located.....miles S and.....miles S from
W
W

Toledo in Tama
 (Nearest Town) (County)

in the NE 1/4 SW 1/4 Sec. 15 T. 80 R. 15

Owner City Well No.

Postoffice address Toledo

Contractor Shihank Wells Co.

Address TAMA Iowa

Driller Leonard Shihank

Well begun Mar 15, 1958;

completed Apr, 1958

Rig used—Cable, Rotary, Jet, or.....

Depth of well.....55 ft
 (Feet)

Size of hole (note total amount of each size).....
Six 8

Main water supply at.....28 to 55
 (Feet below surface)

Final water head.....20
 (Feet above or below surface)

Is well pumped?.....

Yield.....124 2/3 gpm
 (Gallons per minute)

Water level when pumping.....41 ft

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

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

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

Is screen used? yes Diameter 8
(Inches)

Length 10 Depth to bottom 55
(Feet)

Depth to top 45 Slot size 2.5

Are packers or seals used? yes

Kind lead wedge

Where used on top of screen

Kind of pump hand Dia.
(Inches)

Capacity of pump 124 ²/₃
(g.p.m.)

Power used Electricity
(Kind and amount)

Depth to bottom of pump line 48 feet,

including feet tailpiece.

Remarks on construction of well sudged screen well

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
RECORD OF WELL

9730

Location:

Town: TOLEDO (NE)
(SW) : County TAMA
NESW sec. 15 T. 83 N., R. 15 W. Twp.

Well name and number _____

Owner CITY OF TOLEDO (1958) Address _____

Tenant _____ Address _____

Contractor SHILHANEX WELL CO. Address TAMA, IOWA

Drillers LEONARD SHILHANEX

Drilling dates MARCH 15 - APRIL 1958

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position VALLEY

Total depth: Reported 55 feet, Measured _____ feet

Drilling method CABLE TOOLS

Hole and casing data CASRD TO BOTTOM WITH 10' OF 8" SCREEN

Original depth to water 20 above
ft. below _____ Date _____

Source of data _____

Sources of water: Principal 28' - 55'

Others _____

Production Data

Date _____
 Static water level 20
 Measuring point _____
 Pumping water level 91
 Yield (g. p. m.) 124 2/3
 Duration of pumping _____
 Specific capacity _____

Pump Data

Type pump _____ Column diameter and length _____
 Cylinder or bowls diameter and length _____
 Suction pipe _____ Airline _____
 Power _____ Production _____ g. p. m. for _____ hours per day
 Use of water _____

Dissolved constituents and properties (in parts per million except as indicated)

Date sampled _____
 Sampled by _____
 Silica (SiO₂) _____
 Iron (Fe) _____
 Manganese (Mn) _____
 Calcium (Ca) _____
 Magnesium (Mg) _____
 Potassium (K) _____
 Sodium (Na) _____
 Carbonate (CO₃) _____
 Bicarbonate (HCO₃) _____
 Sulfate (SO₄) _____
 Chloride (Cl) _____
 Fluoride (F) _____
 Nitrate (NO₃) _____
 Dissolved solids _____
 Hardness (as CaCO₃) _____
 Total _____
 Grains per gallon _____
 Noncarbonate _____
 Alkalinity (as CaCO₃) _____
 pH _____
 Specific conductance _____
 (micromhos at 25°C) _____
 Temperature (°F) _____
 Analysis No. _____

Laboratory Data

Well No. **9730** Sample range 0-55 No. of samples 30
 No. of dupls. and cond. 30 Washed range _____
 Samples prepared by K. Sargent Date 5/5/58
 Logged by NORTHUP Date 5/19/60
 Correlations by _____ Date 5/19/60