

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

8938

RECORD OF WELL

Location: 6 1/2 mi. Sou.

Town: Fort Dodge (NE) (SW) : County Webster

NW 1/4 SW 1/4 sec. 27 T. 88 N., R. 29 W. Twp.

Well name and number _____

Owner Stowe Address Ft. Dodge, Ia

Tenant _____ Address _____

Contractor Art Vinson Address Ft. Dodge, Ia.

Drillers Art Vinson

Drilling dates Aug. 17-27, 1957

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 158 feet, Measured _____ feet

Drilling method Cable Tools

Hole and casing data 92' of 5 3/16" Galvanized pipe

71' of 4 1/4" Galv. pipe. Bottom length perforated.

Water Level - 84'. No draw-down at 20 p.m.

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

Source of data _____

Sources of water: Principal 158'

Others _____

Production Data

Date _____
 Static water level 84
 Measuring point _____
 Pumping water level 84
 Yield (g. p. m.) 20
 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. **8938** Sample range 40-158 No. of samples 10
 No. of dupls. and cond. 10 good Washed range None
 Samples prepared by K. Sargent Date 9/26/57
 Logged by NORTHUP Date 1/2/62
 Correlations by _____ Date 1/2/62

WELL RECORD

Well is located $6\frac{1}{2}$ miles S and _____ miles S from _____
N E N
E E
W W W

J. H. Dodge in *Webb*

(Nearest Town) (County)

in the *NW 1/4 SW 1/4* Sec. *27* T. *88* R. *29*

Owner *Stouel* Well No. _____

Postoffice address *J. H. Dodge*

Contractor *Art Vinson*

Address *J. H. Dodge*

Driller *Art Vinson*

Well begun *Aug 17*, 19 *57*;

completed *Aug 27*, 19 *57*

Rig used—Cable, Rotary, Jet, or *Cable*

Depth of well *158 ft*
(Feet)

Size of hole (note total amount of each size) _____
5 3/4"

Main water supply at *158'*
(Feet below surface)

Final water head _____
(Feet above or below surface)

Is well pumped? *Yes*

Yield _____
(Gallons per minute)

Water level when pumping *84 ft*

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

