

not used - 68

8258

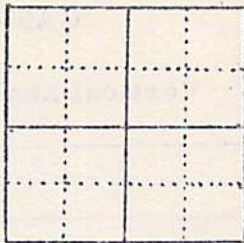
IOWA GEOLOGICAL SURVEY

In Cooperation with U. S. Geological Survey

7 mi. S. of Tama on road K - 1/2 mi. W. RECORD OF WELL

Location:

Town: Hartwick (NE) (SW) : County Poweshiek E. SE sec. 14 T. 81 N., R. 14 W. Madison Twp.



Well name and number _____

Owner Martin Schmitz Address Hartwick

Tenant _____ Address _____

Contractor Shilhanek Well Co Address Tama

Drillers _____

Drilling dates 1955

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 302 feet, Measured _____ feet

Drilling method Cable Tool

Hole and casing data _____

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

Source of data _____

Sources of water: Principal _____

Others _____

Production Data

Date	_____	_____	_____
Static water level	<u>108</u>	_____	_____
Measuring point	<u>Curb</u>	_____	_____
Pumping water level	<u>125</u>	_____	_____
Yield (g. p. m.)	<u>6</u>	_____	_____
Duration of pumping	_____	_____	_____
Specific capacity	_____	<u>X</u>	_____

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 (SiO ₂)	_____	_____	_____
Iron (Fe)	_____	_____	_____
Manganese (Mn)	_____	_____	_____
Calcium (Ca)	_____	_____	_____
Magnesium (Mg)	_____	_____	_____
Potassium (K)	_____	_____	_____
Sodium (Na)	_____	_____	_____
Carbonate (CO ₃)	_____	_____	_____
Bicarbonate (HCO ₃)	_____	_____	_____
Sulfate (SO ₄)	_____	_____	_____
Chloride (Cl)	_____	_____	_____
Fluoride (F)	_____	_____	_____
Nitrate (NO ₃)	_____	_____	_____
Dissolved solids	_____	_____	_____
Hardness (as CaCO ₃)	_____	_____	_____
Total	_____	_____	_____
Grains per gallon	_____	_____	_____
Noncarbonate	_____	_____	_____
Alkalinity (as CaCO ₃)	_____	_____	_____
pH	_____	_____	_____
Specific conductance	_____	_____	_____
(micromhos at 25°C)	_____	_____	_____
Temperature (°F)	_____	_____	_____
Analysis No.	_____	_____	_____

Laboratory Data

Well No.	<u>7258</u>	Sample range	<u>60-302</u>	No. of samples	<u>30</u>
No. of dupls. and cond.	<u>29</u>	<u>Fair</u>		Washed range	_____
Samples prepared by	<u>Cox</u>			Date	<u>8-9-55</u>
Logged by	<u>NORTHUP</u>			Date	<u>11/8/55</u>
Correlations by	<u>NORTHUP</u>			Date	<u>11/8/55</u>