

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

W 6208

RECORD OF WELL


Location:

Town: Hazelton (NE)  
(SW) : County Buchanan

NE NW SW sec. 10 T. 90 N., R. 9 W. Twp.

Well name and number Hazelton Town Well-1953

Owner \_\_\_\_\_ Address \_\_\_\_\_

Tenant \_\_\_\_\_ Address \_\_\_\_\_

Contractor Thorpe Well Co. Address \_\_\_\_\_

Drillers \_\_\_\_\_

Drilling dates \_\_\_\_\_

Well data:

Altitudes: Drilling curb \_\_\_\_\_ feet; Land surface 1002' feet

Determined by Altimeter (T.G. Kling) Summer, 1966

Topographic position \_\_\_\_\_

Total depth: Reported 65 feet, Measured \_\_\_\_\_ feet

Drilling method \_\_\_\_\_

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 \_\_\_\_\_  
 Measuring point \_\_\_\_\_  
 Pumping water level \_\_\_\_\_  
 Yield (g. p. m.) \_\_\_\_\_  
 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 (SiO<sub>2</sub>) \_\_\_\_\_  
 Iron (Fe) \_\_\_\_\_  
 Manganese (Mn) \_\_\_\_\_  
 Calcium (Ca) \_\_\_\_\_  
 Magnesium (Mg) \_\_\_\_\_  
 Potassium (K) \_\_\_\_\_  
 Sodium (Na) \_\_\_\_\_  
 Carbonate (CO<sub>3</sub>) \_\_\_\_\_  
 Bicarbonate (HCO<sub>3</sub>) \_\_\_\_\_  
 Sulfate (SO<sub>4</sub>) \_\_\_\_\_  
 Chloride (Cl) \_\_\_\_\_  
 Fluoride (F) \_\_\_\_\_  
 Nitrate (NO<sub>3</sub>) \_\_\_\_\_  
 Dissolved solids \_\_\_\_\_  
 Hardness (as CaCO<sub>3</sub>) \_\_\_\_\_  
     Total \_\_\_\_\_  
     Grains per gallon \_\_\_\_\_  
     Noncarbonate \_\_\_\_\_  
 Alkalinity (as CaCO<sub>3</sub>) \_\_\_\_\_  
 pH \_\_\_\_\_  
 Specific conductance \_\_\_\_\_  
     (micromhos at 25°C) \_\_\_\_\_  
 Temperature (°F) \_\_\_\_\_  
 Analysis No. \_\_\_\_\_

Laboratory Data

Location EC 5-2

Well No. W 6208 Sample range 0-60 No. of samples 13  
 No. of dupls. and cond. 13 Good Washed range 50-60  
 Samples prepared by Palensky, DeRoma Date 11/3/53  
 Logged by NORTHUP Date 4/8/54  
 Correlations by NORTHUP Date 4/8/54