

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

W 9211

RECORD OF WELL

Location: $\frac{1}{2}$ mi. Sou. $\frac{1}{2}$ 7 mi. W.

(N E)

Town: La Porte City (S W) : County Blackhawk

SW NW NW SW $\frac{1}{4}$ sec. 26 T. 87 N., R. 13 W. Eagle Twp.

Well name and number _____

Owner E. Youngblat

Address La Porte City

Tenant _____

Address _____

Contractor Howard M. White

Address Waterloo

Drillers Lewis Frederick

Drilling dates March 13-22, 1957

Well data:

Altitudes: Drilling curb _____ feet; Land surface 910 feet

Determined by field ck. using 7 $\frac{1}{2}$ ' topo (DLK)

Topographic position Upland

Total depth: Reported 161 feet, Measured _____ feet

Drilling method _____

Hole and casing data 116 ft. of 5 $\frac{1}{2}$ " pipe

Original depth to water 55 above
ft. below _____ Date _____

Source of data _____

Sources of water: Principal 161

Others _____

Production Data

Date _____
 Static water level 55
 Measuring point _____
 Pumping water level 55
 Yield (g. p. m.) 15
 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. W 9211 Sample range 0 - 160 No. of samples 32
 No. of dupls. and cond. 26 Good Washed range 110 - 160
 Samples prepared by AR Valentin Date 11/27/57
 Logged by NORTHUP Date 4/10/59
 Correlations by _____ Date 4/10/59

