

7 1/2' Maquoketa Quad
1980/ field located by D. Kewster

IOWA GEOLOGICAL SURVEY

In Cooperation with U. S. Geological Survey

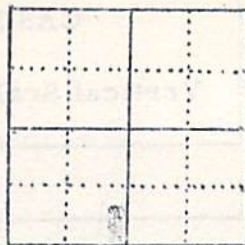
RECORD OF WELL

W 7966

Location:

Town: MAQUOKETA (NE) (SW) : County JACKSON

NE NE sec. 24 T. 84 N., R. 2 W. Twp.



Well name and number MAQUOKETA CITY WELL #4

Owner CITY OF MAQUOKETA Address _____

Tenant _____ Address _____

Contractor HOEG & AMES Address _____

Drillers LEROY AMES

Drilling dates JULY 12, 1956 - FEB. 1957

Well data:

Altitudes: Drilling curb _____ feet; Land surface 644.6 feet

Determined by ALTIMETER

Topographic position LOWLAND - NEAR MAQUOKETA RIVER BRIDGE

Total depth: Reported 2140 feet, Measured _____ feet

Drilling method CABLE TOOLS

Hole and casing data 106' 5" OF 26" OD PIPE

286' OF 22" OD PIPE SET @ 381

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 (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 7966** Sample range **0-2140** No. of samples **427**
 No. of dupls. and cond. **427 Good** Washed range **110-2140**
 Samples prepared by **Doug & Darland** Date **10-18-56 → 1-30-57**
 Logged by **Northrup** Date **Fall 1956 - Winter 1957**
 Correlations by _____ Date **11 18**

