

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

W 7475

RECORD OF WELL

Location:

Town: Muscatine (NE)
(SW) : County Muscatine

Either SE or NW sec. 11 T. 76 N., R. 2 W. E. Twp.

Well name and number Muscatine City Well No. 4 (1955)

Owner _____ Address _____

Tenant _____ Address _____

Contractor Thorpe Well Co. Address _____

Drillers E. E. Walker

Drilling dates May 21 - June 27, 1955

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 65 feet, Measured _____ feet

Drilling method _____

Hole and casing data 68' of 20" csg set at 65'. Put in screen. Pulled 20" pipe back off screen. 12' of pipe now above ground. Cut off rest. Bottom of screen at 65'. Top 5' is blank. Gravel packed

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

Source of data _____

Sources of water: Principal _____

Others _____

Production Data

Date _____
 Static water level 11 _____
 Measuring point _____
 Pumping water level 25' 5" _____
 Yield (g. p. m.) 1500 _____
 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 7475 Sample range 0-67 FI 2-5 No. of samples 13
 No. of dupls. and cond. 13 quad Washed range _____
 Samples prepared by Campbell Date 3-13-56
 Logged by NORTHUP Date 6/56
 Correlations by _____ Date 6/56