

712 Jefferson SW Quad

9810

42004610 - 0942245-01 IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
083-300-07 DASH
file located by B. Robinson

RECORD OF WELL

Location: 1 1/2 BKS. W. OF HIGH SCHOOL - IN ALLEY (NE)
Town: JEFFERSON (SW) : County GREENE
NE SE sec. 7 T. 83 N., R. 30 W. Twp.

Well name and number _____

Owner CITY OF JEFFERSON Address _____

Tenant _____ Address _____

Contractor THORPE WELL CO. Address DES MOINES, IOWA

Drillers GUY LEMAR - BOB WALL

Drilling dates FEB. 19-23, 1958

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 142'6" feet, Measured _____ feet

Drilling method _____

Hole and casing data 129'6" OF 12" CASING FROM 2' TO 127'6"
15' OF 12" SCREEN 127'6" TO 142'6"

PACKED WITH APP. 17 TONS OF GRAVEL HOLE BRINGING GRAVEL UP TO 99' FROM GROUND LEVEL

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. **9810** Sample range **25-90** No. of samples **13**
 No. of dupls. and cond. _____ Washed range **4**
 Samples prepared by **V. DAW** Date **6/19/59**
 Logged by **NORTHUP** Date **8/12/60**
 Correlations by _____ Date **8/12/60**

