

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

W 7366

RECORD OF WELL

Location: in town

Town: Fairview (NE) (SW) : County Jones

NW NE sec. 20 T. 84 N., R. 4 W. Twp.

Well name and number Fairview School No. 4

Owner _____ Address _____

Tenant _____ Address _____

Contractor Leroy Clark Sons Address _____

Drillers Lynn Clark

Drilling dates Sept. 7-11, 1955

Well data:

Altitudes: Drilling curb _____ feet; Land surface 977' feet

Determined by _____

Topographic position Upland

Total depth: Reported 141 feet, Measured _____ feet

Drilling method Cable

Hole and casing data 87 1/2' of 15# 5" from 0-87 1/2'

Original depth to water 100 ft. above below Date _____

Source of data _____

Sources of water: Principal 110

Others _____

Production Data

Date _____
 Static water level 100
 Measuring point _____
 Pumping water level 136
 Yield (g. p. m.) 10
 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 7366 Sample range 0-140 No. of samples EH8-3 28
 No. of dupls. and cond. 28 good Washed range 80-140
 Samples prepared by Campbell Date 11-16-55
 Logged by NORTHUP Date 11/11/56
 Correlations by NORTHUP Date 11/11/56