

069-05W-27C

8632

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

RECORD OF WELL

Location: 3 MI. E. (NE)
 Town: ST. PAUL (SW) : County LEE
SW sec. 27 T. 69 N., R. 5 W. Twp.

Well name and number _____

Owner GEORGIA DANOVIN Address _____

Tenant _____ Address _____

Contractor C. L. JENNINGS Address NEW LONDON

Drillers _____

Drilling dates JAN. 22-31, 1957

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position UPLAND

Total depth: Reported 295' feet, Measured _____ feet

Drilling method CABLE TOOLS

Hole and casing data 34' 5" OF 6" CASING

66' OF 5 3/16" LINER 75' TO 141'

Original depth to water 75 above
ft. below _____ Date _____

Source of data _____

Sources of water: Principal 200' - 295'

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 8632 Sample range 0-295 No. of samples 59
 No. of dupls. and cond. 58 Good Washed range 30-295
 Samples prepared by B. L. Dunn Date 8/14/59
 Logged by NORTHUP Date 2/3/58
 Correlations by _____ Date 2/3/58