

074-02W-19

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

W 6904

RECORD OF WELL

Location:

Town: Wapello (NE)
(SW) : County Louisiana
E.
sec. 19 T. 79 N., R. 2 W. Twp.

Well name and number _____

Owner Bretz (J.R?) Address _____

Tenant _____ Address _____

Contractor C.L. Jennings Address New London, IaDrillers Lee Inc. PheronDrilling dates 1954

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 194 feet, Measured _____ feetDrilling method CableHole and casing data 6 1/4" holesOriginal depth to water 140 above
ft. below _____ Date _____

Source of data _____

Sources of water: Principal 140

Others _____

Production Data

Date _____

Static water level 140

Measuring point _____

Pumping water level 160

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 6907 Sample range 0-194 No. of samples 39

No. of dupls. and cond. 39 - FAIR Washed range 185-194

Samples prepared by COX, MORGAN, CAHILL, WINGERT Date 11/13/54

Logged by NORTHUP Date 3/10/55

Correlations by NORTHUP Date 3/10/55