

IOWA GEOLOGICAL SURVEY  
In Cooperation with U. S. Geological Survey  
RECORD OF WELL

W 9059 X


Location:

Town: 10WA FALLS (NE) (SW) : County HARDIN  
sec. 13 T. 89 N., R. 21 W. Twp.

Well name and number

Owner 10WA FALLS CITY WELL #5 (1957) (Elk Run) Address

Tenant Address

Contractor LAYNE-WESTERN Co. Address AMES

Drillers

Drilling dates 1957

Well data:

Altitudes: Drilling curb 1074.5 feet; Land surface \_\_\_\_\_ feet

Determined by

Topographic position

Total depth: Reported 232 feet, Measured \_\_\_\_\_ feet

Drilling method CABLE TOOLS

Hole and casing data 56' of 12" casing grouted

Original depth to water 12 above ft. below curb 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

12'  
Curb 1074.5'  
138'  
200

## 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 (SiO<sub>2</sub>)

Iron (Fe)

Manganese (Mn)

Calcium (Ca)

Magnesium (Mg)

Potassium (K)

Sodium (Na)

Carbonate (CO<sub>3</sub>)

Bicarbonate (HCO<sub>3</sub>)

Sulfate (SO<sub>4</sub>)

Chloride (Cl)

Fluoride (F)

Nitrate (NO<sub>3</sub>)

Dissolved solids

Hardness (as CaCO<sub>3</sub>)

Total

Grains per gallon

Noncarbonate

Alkalinity (as CaCO<sub>3</sub>)

pH

Specific conductance

(micromhos at 25°C)

Temperature (°F)

Analysis No.

## Laboratory Data

Well No. **W 9059**

Sample range **0-230**

No. of samples **45**

No. of dupls. and cond. **43 Good**

Washed range **20-230**

Samples prepared by **R. Valentine**

Date **10/29/57**

Logged by **NORTHUP**

Date **2/5/59**

Correlations by

Date **2/5/59**