

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

W 9808

RECORD OF WELL

Location: 1 mi. N.  
3 mi. E

( N E )

Town: MITCHELLVILLE ( S W ) : County JASPER

NE sec. 4 T. 79 N., R. 21 W. Twp.


Well name and number

WELL IS IN JASPER CO.

Owner TOWN OF MITCHELLVILLE Address

Tenant TOWN WELL (1958) Test #1 Address

Contractor THORPE WELL CO. Address DES MOINES, IOWA

Drillers GUY LEMAR

Drilling dates MAY 27-28, 1958

Well data:

Altitudes: Drilling curb feet; Land surface feet

Determined by

Topographic position

Total depth: Reported 61' feet, Measured feet

Drilling method

Hole and casing data 45' OF 10" CASING 1' TO 44'

15' OF 12" CASING 44' TO 59'

DOUBLE PACK WELL

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 (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. 19808 Sample range 0-60 No. of samples 10  
 No. of dupls. and cond. 10 Fair Washed range \_\_\_\_\_  
 Samples prepared by V Dow Date 8/19/58  
 Logged by NORTHUP Date 8/12/60  
 Correlations by \_\_\_\_\_ Date 8/12/60