

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

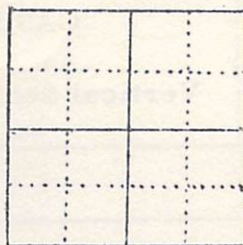
W 8129

RECORD OF WELL

Location: 2 mi. Sou. & 5 mi. Wt.

Town: Mt. Pleasant (NE) (SW) : County Henry

SW, NE SW sec. 22 T. 71 N., R. 7 W. Twp.



Well name and number \_\_\_\_\_

Owner Howard Mabeus Address Mt. Pleasant

Tenant \_\_\_\_\_ Address \_\_\_\_\_

Contractor C.L. Jennings Address New London

Drillers Don Angstead

Drilling dates Oct. 29 - Nov. 7, 1956

Well data:

Altitudes: Drilling curb \_\_\_\_\_ feet; Land surface 729 (SHOLES) feet

Determined by \_\_\_\_\_

Topographic position Upland

Total depth: Reported 305 feet, Measured \_\_\_\_\_ feet

Drilling method Cable Tools

Hole and casing data 170 feet of 6" 135 feet of 5 1/2"

62' - 6" of 6" pipe set at 61' 66' of  
5 1/4" pipe set at 171'

Original depth to water 58 above ft. below \_\_\_\_\_ Date \_\_\_\_\_

Source of data \_\_\_\_\_

Sources of water: Principal \_\_\_\_\_

Others \_\_\_\_\_

Production Data

Date \_\_\_\_\_  
 Static water level 58 \_\_\_\_\_  
 Measuring point \_\_\_\_\_  
 Pumping water level 250 \_\_\_\_\_  
 Yield (g. p. m.) 7 \_\_\_\_\_  
 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. W 8129 Sample range 0-305 No. of samples 60  
 No. of dupls. and cond. 60 Good Washed range 60-305  
 Samples prepared by Darland Date 12-11-56  
 Logged by NORTHUP Date 4/8/57  
 Correlations by \_\_\_\_\_ Date 4/8/57