

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

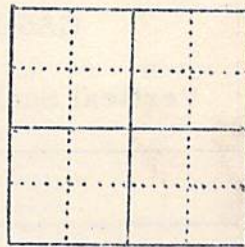
W-6875

RECORD OF WELL

Location: <sup>in city limits</sup> NE of town

Town: Agency (NE)  
(SW): County Wapello

sec. 36 T. 72 N., R. 13 W. E. Twp.



Well name and number Agency Town Well # 2

Owner City of Agency Address Agency Iowa

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

Contractor C. L. Jennings Address New London, Iowa

Drillers \_\_\_\_\_

Drilling dates Nov. 9 - Nov 17 1953

Well data:

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

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

Topographic position Flat Land

Total depth: Reported 340' feet, Measured \_\_\_\_\_ feet

Drilling method Cable tool

Hole and casing data 12" hole to 180' . 10" hole to 304'

8" hole to 340'

91'9" of 12" pipe

8" pipe wrought Iron

Original depth to water 162'? above  
ft. below \_\_\_\_\_ Date \_\_\_\_\_

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

Sources of water: Principal 287'-298'

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. W-6375 Sample range 0-340 Location - ED4-2  
 No. of dupls. and cond. 47 Poor No. of samples 68  
 Samples prepared by De Rama Washed range 100-340  
 Logged by NORTHUP Date 2/12/54  
 Correlations by NORTHUP Date 4/21/54