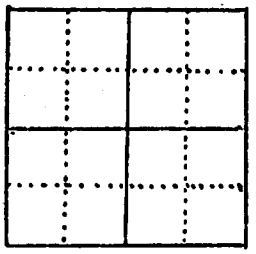
N 8641

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



Location:

Town: WATERLOO (N E) (S W) :County BLACKHAWK

NE SE sec. 9 T. 89 N., R. 13 W. Twp.

Well name and number

Owner WATERLOO CITY WELL #16 Address

Tenant Address

Contractor THORPE WELL CO. Address DES MOINES, IOWA

Drillers BOYD IRWIN

Drilling dates COMPLETED MAY 7, 1957

Well data:

Altitudes: Drilling curb feet; Land surface feet

Determined by

Topographic position

Total depth: Reported 204' feet, Measured feet

Drilling method

Hole and casing data

Original depth to water 15 ft. above below Date

Source of data

Sources of water: Principal

Others

Production Data

Date				
Static water level	15			
Measuring point				
Pumping water level	34			
Yield (g. p. m.)	4220			
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_2)				
Iron (Fe)				
Manganese (Mn)				
Calcium (Ca)				
Magnesium (Mg)				
Potassium (K)				
Sodium (Na)				
Carbonate (CO_3)				
Bicarbonate (HCO_3)				
Sulfate (SO_4)				
Chloride (Cl)				
Fluoride (F)				
Nitrate (NO_3)				
Dissolved solids				
Hardness (as $CaCO_3$)				
Total				
Grains per gallon				
Noncarbonate				
Alkalinity (as $CaCO_3$)				
pH				
Specific conductance (micromhos at 25°C)				
Temperature (°F)				
Analysis No.				

Laboratory Data

Well No. W 8641 Sample range 180 - 204 EM9-2 No. of samples 20

No. of dupls. and cond. 20 Good Washed range 180 - 204

Samples prepared by D. L. Nunn Date 8/15/57

Logged by NORTHUP Date 2/5/58

Correlations by _____ Date 2/5/58