

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

W 8201

Location:

Town: Solon (NE) (SW) : County JONES

SE 1/4 SW NE sec. 29 T. 81 N., R. 6 W. Twp.

*new location
topo map
PJH
9-71*

change quarters to SW NW SE NE

Well name and number _____

Owner CORPS OF ENGINEERS Address ROCK ISLAND, ILL.

Tenant _____ Address _____

Contractor L. K. WINSLOW - DRIG. CONTRACTOR Address DAVENPORT
PAULSON CONSTR. CO. Address WEST BRANCH, IOWA

Drillers _____

Drilling dates FEB. 18 - MARCH 4, 1957

Well data:

Altitudes: Drilling curb _____ feet; Land surface 732 feet

Determined by _____

Topographic position UPLAND

Total depth: Reported 350 feet, Measured _____ feet

Drilling method CABLE TOOLS

Hole and casing data 53' 1/4" OF 8" PIPE

146' OF 6" PIPE

Original depth to water 52 above ft. below _____ Date _____

Source of data _____

Sources of water: Principal _____

Others _____

Production Data

Date _____
 Static water level 52
 Measuring point _____
 Pumping water level 57
 Yield (g. p. m.) 30
 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 (SiO₂) _____
 Iron (Fe) _____
 Manganese (Mn) _____
 Calcium (Ca) _____
 Magnesium (Mg) _____
 Potassium (K) _____
 Sodium (Na) _____
 Carbonate (CO₃) _____
 Bicarbonate (HCO₃) _____
 Sulfate (SO₄) _____
 Chloride (Cl) _____
 Fluoride (F) _____
 Nitrate (NO₃) _____
 Dissolved solids _____
 Hardness (as CaCO₃) _____
 Total _____
 Grains per gallon _____
 Noncarbonate _____
 Alkalinity (as CaCO₃) _____
 pH _____
 Specific conductance _____
 (micromhos at 25°C) _____
 Temperature (°F) _____
 Analysis No. _____

Laboratory Data

Well No. W 8201 Sample range 0-350 No. of samples 69
 No. of dupls. and cond. 69 Good Washed range 35-350
 Samples prepared by Dolan Date 3/7/57
 Logged by NORTHUP Date MAY 6, 1957
 Correlations by _____ Date _____