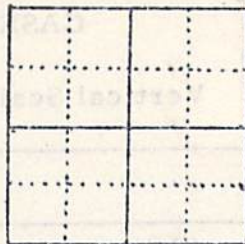


IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

2 mi E. and 1/4 S. 8E RECORD OF WELL

Location: off Highway 20Town: Waterloo (NE) (SW) : County BLACKHAWKE.
SE NW NW NW sec. 27 T. 89 N., R. 12 W. Twp.

Well name and number _____

Owner John Miller Elect - Stevick Address Waterloo

Tenant _____ Address _____

Contractor Leslie M. Cobb Address _____Drillers Leland E. CobbDrilling dates Sept. 1953

Well data:

Altitudes: Drilling curb _____ feet; Land surface 872 feetDetermined by field ckd using 7 1/2' topo (DLK)

Topographic position _____

Total depth: Reported 165 feet, Measured _____ feetDrilling method Cable tool

Hole and casing data _____

143' of 5" std. PipeOriginal depth to water 26 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 (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 LOCATION EE4-4

Well No. W 6629 Sample range 142-160 No. of samples 4
 No. of dupls. and cond. 4 Good Washed range 142-160
 Samples prepared by MORGAN PALENSKY NELSON Date 6/15/54
 Logged by NORTHUP Date 10/21/54
 Correlations by NORTHUP Date 10/21/54