

7 1/2 miles Quad

20243W-0901846-01

IOWA GEOLOGICAL SURVEY

W 7664

184-66-31 BBD

In Cooperation with U. S. Geological Survey

1/2 mile located by D. Kauter

RECORD OF WELL

Location:

Town: _____ (NE) _____ (SW): County JACKSON E.

SE NW NW sec. 31 T. 84 N., R. 56 W. _____ Twp.

Well name and number _____

Owner TOWN OF MILES Address _____

Tenant _____ Address _____

Contractor BOOTHBY AND BOOTHBY Address _____

Drillers _____

Drilling dates DEC. 1955 - MARCH 1956

Well data:

Altitudes: Drilling curb _____ feet; Land surface 795' feet

Determined by _____

Topographic position _____

Total depth: Reported 565?? feet, Measured _____ feet

Drilling method CABLE TOOLS

Hole and casing data 316' 8" OF 8" CASING

Original depth to water 182' ^{above} ft. below _____ Date 3/1/56 IN GALENA

Source of data _____

Sources of water: Principal _____

Others _____

Production Data

Date _____
 Static water level 182' _____
 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

Well No. W 7664 Sample range 510-560 No. of samples 9 E-J-2-6.
 No. of dupls. and cond. 5 Fair Washed range 510-545
 Samples prepared by THOMPSON Date 6-19-56
 Logged by NORTHUP Date 3/1/56
 Correlations by 1. Date 3/1/56