

075-07W-17 ABBC

Location PSH 1975 075-07W-17 ABBC W 7549

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

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| | | |

Location: SW CORNER
E 9 TH. ST. AND N. 5 TH. AVE.

(NE)

Town: WASHINGTON (SW) : County WASHINGTON

SW NW NW NE sec. 17 T. 75 N., R. 7 W. Twp.

NE SW NW NE

Well name and number

Owner CITY OF WASHINGTON WELL #6 Address

Tenant Address

Contractor VARNER WELL CO. Address DUBUQUE, IOWA

Drillers

Drilling dates JAN 1956 - JULY 2, 1956

Well data:

Altitudes: Drilling curb feet; Land surface 757 topo PSH 1975
742 feet

Determined by

Topographic position

Total depth: Reported 1900 feet, Measured feet

Drilling method CABLE TOOLS

Hole and casing data 108' OF 26" DRIVE PIPE; 156' OF 24" LINER 138'-294'

89 1/2' OF 22" LINER SET @ 452'

234' OF 18" LINER 555'-789'

1400' OF 12" CASING 0-1400'

Original depth to water 175' above
ft. below Date

Source of data

Sources of water: Principal 1400'-1900'
PRAIRIE du CHIEN; JORDAN, ST. LAWRENCE

Others

Production Data

Date _____

Static water level 175

Measuring point _____

Pumping water level 268

Yield (g. p. m.) 595

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 7549 Sample range 120-1000 No. of samples 354

No. of dupls. and cond. 354 Washed range _____

Samples prepared by THOMPSON & STONE Date 6-29-56

Logged by NORTHUP Date APRIL-JUNE 1956

Correlations by _____ Date _____