

75 Holland Quad

422326N-0924851-1

IOWA GEOLOGICAL SURVEY

8998 M

88-17W-34 DBAB In Cooperation with U. S. Geological Survey

1975 field loc; 1/4 mi. SW. RECORD OF WELL

Location:

Town: HOLLAND (NE) (SW) : County GRUNDY

NWSE sec. 34 T. 88 N., R. 17 W. Twp.

Well name and number _____

Owner MRS. LENA ENGELKES Address GRUNDY CENTER

Tenant _____ Address _____

Contractor HOEG & AMES Address LINCOLN, IOWA

Drillers _____

Drilling dates JULY 15, 1957

Well data:

Altitudes: Drilling curb _____ feet; Land surface 1035 feet

Determined by Topo C.I. 10'

Topographic position _____

Total depth: Reported 500 feet, Measured _____ feet

Drilling method CABLE TOOLS (OLD WELL DRILLED DEEPM)

Hole and casing data 194' OF 6" CASING 0-194'

185' OF 4 1/4" CASING 185'-365'

Original depth to water 165 above ft. below _____ Date _____

Source of data _____

Sources of water: Principal _____

Others _____

Production Data

Date _____
 Static water level 165 _____
 Measuring point _____
 Pumping water level 170 _____
 Yield (g. p. m.) 12 _____
 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 8653 Sample range 296-500 No. of samples 41
 No. of dupls. and cond. 41 - good Washed range 296-500
 Samples prepared by C. J. J. J. Date 8-19-57
 Logged by NORTHUP Date 2/19/58
 Correlations by _____ Date _____