7½' Conrad, East Quad
42134.2 N 0925207-01
86-17W-30 DACC
1975 field located

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

W 7620

Location:

Town: CONRAD (NE) (SW) :County GRUNDY E.

SE SE NW SE sec. 30 T. 86 N., R. 17 W. _____ Twp.

Well name and number CONRAD CITY #2 (1956)

Owner _____ Address _____

Tenant _____ Address _____

Contractor HOEG & AMES Address _____

Drillers _____

Drilling dates MAY 1956

Well data:

Altitudes: Drilling curb _____ feet; Land surface 1042 feet

Determined by Topo C.I. 10'

Topographic position _____

Total depth: Reported 250?? feet, Measured _____ feet

Drilling method CABLE TOOLS

Hole and casing data _____

Original depth to water _____ ft. above/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 (SiO_2)				
Iron (Fe)				
Manganese (Mn)				
Calcium (Ca)				
Magnesium (Mg)				
Potassium (K)				
Sodium (Na)				
Carbonate (CO_3)				
Bicarbonate (HCO_3)				
Sulfate (SO_4)				
Chloride (Cl)				
Fluoride (F)				
Nitrate (NO_3)				
Dissolved solids				
Hardness (as $CaCO_3$)				
Total				
Grains per gallon				
Noncarbonate				
Alkalinity (as $CaCO_3$)				
pH				
Specific conductance (micromhos at 25°C)				
Temperature (°F)				
Analysis No.				

Laboratory Data

EI 10-6

Well No. W 7620 Sample range 0 – 250 No. of samples 30

No. of dupls. and cond. 30 – Good Washed range 90 –

Samples prepared by Wilkins Date 6-7-56

Logged by Northup Date 7/17/56

Correlations by " Date 7/17/56

W7620

IOWA GEOLOGICAL SURVEY
Iowa City, Iowa

Well Log Record

Well name and number _____ Town _____ County Grundy

Owner of well Town Well #2 Address Conrad

Tenant _____ Address _____

Location _____ sec. 31 T. 86 N., R. 17 ~~E.~~ W. Clay Twp.

Curb elevation _____ ft. present depth _____ ft. final depth 158 ft.

Static level: (Depth to water ~~above~~ below curb) 60 ft. pumping level _____ ft. at _____ g. m.

Contractor H & A Date drilled 1956

Description*	Feet Thick	From	To	Description*	Feet Thick	From	To
Black Soil		0	5	White Sand		135	140
Yell. Clay		5	20	Brown Sand		140	155
Blue Clay		20	50	Shale		155	158
Yell. Shale		50	60				
Brown Sand		60	80				
Mixed Seams		80	85				
Br. Limestone		85	120				
Br. & White Sand		120	135				

*Abbreviate descriptions, use one line for each formation

Remarks on water zones and casings 56 GPM @ 95'. after Acidizing

Temperature: Air ____ °F., Water ____ °F. at ____ A. M. P. M. ____ 19____

Record obtained from _____ Recorded by _____