IOWA GEOLOGICAL SURVEY

In Cooperation with U. S. Geological Survey

RECORD OF WELL

W 9352

Location: town

Town: Fairbank (NE) (SW) :County Buchanan

SE NE NE sec. 5 T. 90 N., R. 10 W. E. Twp.

Well name and number

Owner Fairbank Town Well #2 Address Fairbank

Tenant Address

Contractor Howard M. White Address Waterloo

Drillers same

Drilling dates April 15- May 13, '51

Well data:

Altitudes: Drilling curb feet; Land surface 993' feet

Determined by Altimeter (T.G. Kling) Summer 1946

Topographic position upland

Total depth: Reported 200 feet, Measured feet

Drilling method

Hole and casing data 17 ft. 6 in of 16 in set at 19 ft 1 f
33 ft of 10 in 35-lb pipe set at 30 ft

Original depth to water 17 ft. above below Date

Source of data

Sources of water: Principal 190

Others

Production Data

Date				
Static water level	17			
Measuring point				
Pumping water level	124			
Yield (g. p. m.)	100			
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

NA 6-3

Well No. W 9352 Sample range 0-200 No. of samples 41

No. of dupls. and cond. 41 Good Washed range 17-200

Samples prepared by ~~Dow~~ Chemical Date 1/2/58

Logged by Northrup Date 6/22/59

Correlations by " Date 6/22/59

Hoeg & Ames, Inc.
Well Contractors - Well Supplies
LINCOLN, IOWA 50652
Phone (515) 473-2707



CERTIFIED CONTRACTORS

Howard M. White & Son
1340 Hammond Avenue
WATERLOO, IOWA 50702
Phone (319) 233-2285

009352

RECORD OF WELL

Owner Fairbanks Old Town Well

Address Fairbanks, Iowa

Buchanan Co?

Tenant

Address

Location

Started the Well

Finished the Well May 13, 1957

Total Depth 200' Size of Well 10"

Static Water Level 17'

Draw-down Level 174' feet, pumping 100 Gal. P.M.

33' feet of 10" inch pipe installed

feet of inch casing installed

Driller Howard M. White, Sr.

Remarks

FORMATION

0'	-	10'	Yellow Drift
10'	-	16'	Gray Drift
16'	-	35'	Yellow Lime
35'	-	60'	Gray Lime
60'	-	70'	Brown Lime
70'	-	85'	Gray Lime
85'	-	95'	Brown Lime
95'	-	100'	Gray Lime & Shale Bands
100'	-	105'	Gray lime
105'	-	110'	Gray Lime & Shale Bands
110'	-	120'	Light Gray Lime
120'	-	200'	Dolomite