IOWA GEOLOGICAL SURVEY W-0304

In Cooperation with U. S. Geological Survey

RECORD OF WELL



Location:

Town: FORREST City (N E / S W): County Winnebago

SE/c NW NW sec. 36 T 98 N., R. 24 W. FOREST Twp.

Well name and number City Well #2

Owner _____ Address _____

Tenant _____ Address _____

Contractor THORPE Well Co Address _____

Drillers _____

Drilling dates 1934

Well data:

Elevations: Drilling curb 1234 feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 142 feet, Measured _____ feet

Drilling method _____

Hole and casing data 14" casing to 118'
cement grouted

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

Original elevation of water level _____ ft.; Source of data _____

Sources of water: Principal Cedar Valley; Others _____

Production data: Date

Static depth to water Measuring point

Pumping level at g.p.m.

Specific capacity g.p.m. per ft. drawdown; Temperature °F.

Pump data: Type pump Column Dia. Length

Cylinder or bowls: Dia. Length Suction pipe

Power Airline

Estimated rate of production: g.p.m. for hrs. a day

Use of water

WATER ANALYSES (in parts per million)

Date samples				
Sampled by				
Total solids				
Insoluble matter				
Alkalinity (Meo)				
Alkalinity (Phn)				
pH				
Fe_2O_3+ Mn_2O_3+Al_2O_3				
Alkali as sodium				
Calcium				
Magnesium				
Iron (unfiltered)				
Manganese				
Nitrate				
Fluoride				
Chloride				
Sulfate				
Bicarbonate				
Hardness (ppm)				
Hardness (gpg)				

Remarks

Laboratory data: Sample storage location

Sample range 5-193 No. spls. 21 No. dupls. & cond. 21 good

Spls. prepared by Washed range by

Driller's log and cond.

Insoluble residues: Prepared by Studied by Strip log

Microscopic study 5-193 Gulf strip log 1939 Gulf

Gen. log Correl. by Carbondale