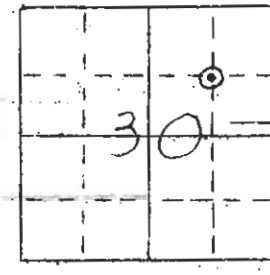
IOWA GEOLOGICAL SURVEY W-0134

In Cooperation with U. S. Geological Survey

RECORD OF WELL



Location:

Town: GARNER (N E / S W): County HANCOCK

CEL W½ NE¼ sec. 30 T 96 N., R. 23 W. CONCORD Twp.

Well name and number TOWN WELL

Owner _____ Address _____

Tenant _____ Address _____

Contractor E.A. FORD Address Marshalltown

Drillers _____

Drilling dates JAN. 1932

Well data:

Elevations: Drilling curb 1216 feet; Land surface _____ feet

Vol. 36

Determined by _____

Topographic position _____

Total depth: Reported 225 feet, Measured _____ feet

Drilling method _____

Hole and casing data _____

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 79-225 No. spls. 25 No. dupls. & cond. _____

Spls. prepared by _____ Washed range _____ by _____

Driller's log and cond. _____

Insoluble residues: Prepared by _____ Studied by _____ Strip log _____

Microscopic study 79-225 Gulf strip log 1939 Gulf

Gen. log _____ Correl. by Cambell

WATER LEVEL DATA

Measuring point _____

Date	Depth to water	Altitude	Remarks

REMARKS

See Vol. 36