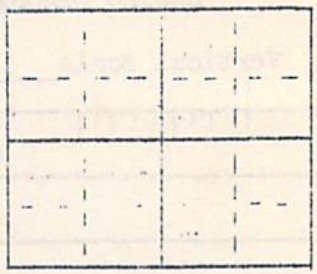
W-4216

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

RECORD OF WELL



Location:

Town: Cedar Falls (N E) (S W): County Black Hawk

12th & Irving sec. 12 T 89 N., R. 14 E. W. Twp.

Well name and number Cedar Falls Power Plant

Owner Do Address

Tenant Address

Contractor Thorpe Well Co Address

Drillers

Drilling dates

Well data:
Elevations: Drilling curb feet; Land surface 857 feet

Determined by

Topographic position

Total depth: Reported 175 feet, Measured feet

Drilling method

Hole and casing date

Original depth to water ft. above / below Date

Original elevation of water level ft.; Source of data

Sources of water: Principal ; 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 ALALYSES (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 CHI-4

Sample range 40-105; 125-175 No. spls. 23 No. dupls. & cond. _____
Spls. prepared by ? Washed range 65-175 by ?
Driller's log and cond. No
Insoluble residues: Prepared by _____ Studied by _____ Strip log _____
Microscopic study Huntington strip log 7-19-50
Gen. log _____ Correl. by _____