W-4019

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 SW SW SE sec. 12 T 89 N., R. 14 E. W. Twp.

Well name and number Cedar Falls Well No. 2

Owner Do. Address

Tenant Address

Contractor Thorpe Bros. Well Co Address Des Moines

Drillers

Drilling dates Sept. 1950

Well data:
Elevations: Drilling curb feet; Land surface 858 feet

Determined by

Topographic position

Total depth: Reported 125 feet, Measured feet

Drilling method

Hole and casing date 42' 2" of 16" casing set at 39'2" drive shoe on bottom. Started 32", finished 15" hole

Original depth to water 15 ½ 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 15½ Measuring point _____
Pumping level 38' 10" at 2100 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 AIALYSES (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 35-125 No. spls. 19 No. dupls. & cond. 19-G
Spls. prepared by VLM Washed range 70725 by VLM 2/3/50
Driller's log and cond. _____

Insoluble residues: Prepared by _____ Studied by _____ Strip log _____
Microscopic study _____ strip log 3-9-50
Gen. log _____ Correl. by _____