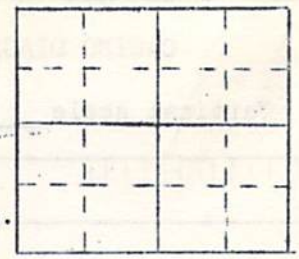
W-4827

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

RECORD OF WELL



Location:

Town: Dubuque (N E / S W): County Dubuque

NW NE SW¼ sec. 10 T. 89 N., R. 2 E Dubuque Twp.

Well name and number Dubuque YMCA Summer Camp

Owner _____ Address _____

Tenant _____ Address _____

_____

Contractor Dubuque Well Drlg. Co. (H. Landgraf, Mgr.) Address _____

Drillers _____

Drilling dates completed April 11, 1950

Well data:

Elevations: Drilling curb ____ feet: Land surface 815 T feet

_____

_____

Determined by _____

Topographic position _____

Total depth: Reported ____ feet, Measured _____ feet

_____

Drilling method _____

Hole and casing data 12" to 90'; 8" from 90' to 301'

Casing - 90' of 8" I.D. Steel pipe cement grouted

_____

_____

_____

Original depth to water 138 ft. ~~above~~ below surface Date _____

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

_____

Sources of water: Principal _____; Others _____

_____

Production data: Date _____

Static depth to water 138 Measuring point _____
Pumping level 181 at 46 g.p.m. 12 hour pump test

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 or productions: _____ g.p.m. for _____ hrs. a day
Use of water _____

WATER ANALYSES (in parts per million)

Date samples				
Samples 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 CT 8-1

Sample range 5-300 No. spls. 51 No. dupls. & cond. 51-G

Spls. prepared by VLM Washed range 5-300 by VLM 3/14/51

Driller's log and cond. _____

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

Microscopic study SCH 5-51 strip log SCH

Gen. log _____ Correl. by SCH