

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

W-3930

Same  
well as  
W-3864

RECORD OF WELL

Location: 10 mi W. Dubuque

Town: Centralia ( NE )  
( SW ): County Dubuque

SW SW sec. 24 T 89 N., R. 1 W. W. Twp.


Well name and number Girl Scout Camp

Owner \_\_\_\_\_ Address \_\_\_\_\_

Tenant \_\_\_\_\_ Address \_\_\_\_\_

Contractor Varner Well Drilling Co Address Dubuque

Drillers \_\_\_\_\_

Drilling dates \_\_\_\_\_

Well data:

Elevations: Drilling curb \_\_\_\_\_ feet; Land surface 1091 feet

Determined by \_\_\_\_\_

Topographic position \_\_\_\_\_

Total depth: Reported \_\_\_\_\_ feet, Measured \_\_\_\_\_ feet

Drilling method \_\_\_\_\_

Hole and casing date \_\_\_\_\_

Original depth to water \_\_\_\_\_ ft. above \_\_\_\_\_ ft. 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 ANALYSES (in parts per million)

Date samples \_\_\_\_\_

Sampled by \_\_\_\_\_

Total solids \_\_\_\_\_

Insoluble matter \_\_\_\_\_

Alkalinity (Meo) \_\_\_\_\_

Alkalinity (Phn) \_\_\_\_\_

pH \_\_\_\_\_

Fe<sub>2</sub>O<sub>3</sub>- Mn<sub>2</sub>O<sub>3</sub>-Al<sub>2</sub>O<sub>3</sub> \_\_\_\_\_

Alkali as sodium \_\_\_\_\_

Calcium \_\_\_\_\_

Magnesium \_\_\_\_\_

Iron (unfiltered) \_\_\_\_\_

Manganese \_\_\_\_\_

Nitrate \_\_\_\_\_

Fluoride \_\_\_\_\_

Chloride \_\_\_\_\_

Sulfate \_\_\_\_\_

Bicarbonate \_\_\_\_\_

Hardness (ppm) \_\_\_\_\_

Hardness (gpg) \_\_\_\_\_

Remarks \_\_\_\_\_

Laboratory data:

Sample storage location

CF11-4,5

Sample range 0-605

No. spls. 120

No. dupls. &amp; cond. 120 FG

Spls. prepared by WMM/MLM

Washed range 20-205

by VLM 11-10-49

Driller's log and cond. \_\_\_\_\_

Insoluble residues: Prepared by \_\_\_\_\_

Studied by \_\_\_\_\_

Strip log \_\_\_\_\_

Microscopic study 0-605

strip log 2-8-50

Gen. log \_\_\_\_\_

Correl. by

R. Screven