

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

W-0218

RECORD OF WELL

Location:

Town: Center Junction (N E)
(S W): County Jones

C-SW 1/4 sec. 4 T 84 N., R. 2 W. Madison Twp.



Well name and number City Well #1

Owner City of Center Junction Address _____

Tenant _____ Address _____

Contractor C. W. Varner Address Dubuque

Drillers _____

Drilling dates 1939-Summer

Well data:

Elevations: Drilling curb 994 feet; Land surface _____ feet

Determined by K.E.A.

Topographic position _____

Total depth: Reported 300 feet; Measured _____ feet

Drilling method Cable

Hole and casing data _____

Original depth to water _____ 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 _____

 $\text{Fe}_2\text{O}_3 + \text{Mn}_2\text{O}_3 + \text{Al}_2\text{O}_3$ _____

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 1-300 No. spls. 60 No. dupls. & cond. 5-7 P-6Spls. prepared by Yahp Washed range 175-300 by Yahp

Driller's log and cond. _____

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

Microscopic study Gulf strip log yesGen. log _____ Correl. by yes