IOWA GEOLOGICAL SURVEY
Water Well Data Sheet

Survey Number W-1353

Town Castana County Monona T. 84 N., R. ? E. W.

Name #2 Location ¼ ¼, Sec.

Contractor Rasmussen Well Co Sioux City Driller Use

Construction Drilled Drilling Dates Dec. 1939 Drilling Depth

Topog. Curb Elev. Ref. Total Depth 43'?

Final Static Level above below curb Pumping Level Draw down gpm Time pumped Date

Depth to bot. pump ft. with ft. suction pipe. Calc. g/ft. drawdown Prin. Prod.

Producing Horizons

Water levels and pumping tests on various horizons during drilling:

Depth Range	Stat. Level	Pump Level	Draw down	gpm.	Temp.	Producing horizons	Producing formations	Formations cased out

Additional information

Laboratory Data

Sample range 28-43 Number samples 2 Number Duplicates 2 Cond. Good

Log Yes No, Cond. Boxed Summerford Range 28-43 Date April 4, 1941

Remarks

Microscopic Study Range Strip Log Gen. Log Blue Print Samples Washed

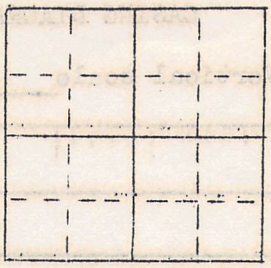
Insol. Res. Study Range Strip Log Gen. Log Insol. Res. Prepared Well Corel.

IOWA GEOLOGICAL SURVEY W-1353

In Cooperation with U. S. Geological Survey

field located 1978

RECORD OF WELL



Location:

Town: Castana (N E / S W): County Monona E.

seq.02 SWNWNWSE Sec. 24 T. 84 R. 44W

sec. T 84 N., R. 44 W. Twp.

Well name and number Town Well No 2

Owner _____ Address _____

Tenant _____ Address _____

Contractor Rasmussen Well Co Address _____

Drillers _____

Drilling dates Dec. 1939

Well data:

Topo elev. 1074' C.I. 20'

Elevations: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 43 feet, Measured _____ feet

Drilling method _____

Hole and casing data _____

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 ANALYSES (in parts per million)

Date samples	March 25, 1940			
Sampled by	E.J. Marzer			
Total solids	415			
Insoluble matter	9.5			
Alkalinity (Meo)	384.0			
Alkalinity (Phn)	0.0			
pH	7.1			
Fe_2O_3 + Mn_2O_3 + Al_2O_3	2.5			
Alkali as sodium	7.3			
Calcium	98.6			
Magnesium	31.3			
Iron (unfiltered)	0.3			
Manganese	0.25			
Nitrate	0.00			
Fluoride	trace			
Chloride	7.0			
Sulfate	12.0			
Bicarbonate	468.5			
Hardness (ppm)	388			
Hardness (gpg)	21.5			

Remarks _____

Laboratory data: Sample storage location _____

Sample range 28-43 No. spls. 2 No. dupls. & cond. 2 good

Spls. prepared by Summerford Washed range _____ by _____

Driller's log and cond. _____

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

Microscopic study _____ strip log 6/2/53

Gen. log _____ Correl. by NORTHUP