

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

W-0319

RECORD OF WELL

Location:

Town: Monticello (NE)
(SW): County Jones

SE SESE sec. 21 T 86 N., R. 3 W. Lowell Twp.

Well name and number City Well #1

Owner City of Monticello

Address _____

Tenant _____

Address _____

Contractor _____

Address _____

Drillers _____

Drilling dates 1875

Well data:

Elevations: Drilling curb 820 feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 1198 feet, Measured _____ feet

Drilling method _____

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

Fe₂O₃ + Mn₂O₃ + Al₂O₃

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 60-1198 - Gaps.

No. spls.

22

No. dupls. & cond.

Spls. prepared by

Washed range

60-1198

by Gult

Driller's log and cond.

Insoluble residues: Prepared by

Studied by

Strip log

Microscopic study

Gult

strip log

Gult

Gen. log

Correl. by