

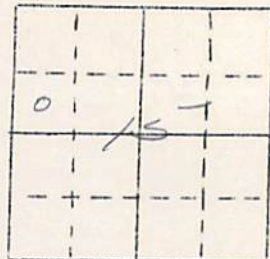
IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

W-0346

RECORD OF WELL

Location:

Town: Marquette (N E)
(S W); County Clayton
sec. 15 T. 95 N., R. 3 W. Twp.



Well name and number City Well

Owner Marquette City Address _____

Tenant _____ Address _____

Contractor _____ Address _____

Drillers _____

Drilling dates _____

Well data:

Elevations: Drilling curb _____ feet; Land surface 631 feet

Determined by _____

Topographic position _____

Total depth: Reported _____ feet, Measured 585 feet

Drilling method cable

Hole and casing data _____

(Give amount, size, kind, and depth of all casing; type and position of seals and packers; cementing; how finished--perforated pipe, screen, gravel pack, open hole, etc.)

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 sampled	_____	_____	_____	_____
Sampled by	_____	_____	_____	_____
Total solids	_____	_____	_____	_____
Insoluble matter	_____	_____	_____	_____
Alkalinity (Meo)	_____	_____	_____	_____
Alkalinity (Phn)	_____	_____	_____	_____
pH	_____	_____	_____	_____
Fe ₂ O ₃ + Mn ₂ O ₃ + Al ₂ O ₃	_____	_____	_____	_____
Alkali as sodium	_____	_____	_____	_____
Calcium	_____	_____	_____	_____
Magnesium	_____	_____	_____	_____
Iron (unfiltered)	_____	_____	_____	_____
Manganese	_____	_____	_____	_____
Nitrate	_____	_____	_____	_____
Fluoride	_____	_____	_____	_____
Chloride	_____	_____	_____	_____
Sulfate	_____	_____	_____	_____
Bicarbonate	_____	_____	_____	_____
Hardness (ppm)	_____	_____	_____	_____
Hardness (gpg)	_____	_____	_____	_____
Remarks	_____			

Laboratory data: *many gaps* Sample storage location _____
 Sample range *40-423* No. spls. *//* No. dupls. & cond. *8 G*
 Spls. prepared by _____ Washed range _____ by _____
 Driller's log and cond. _____
 Insoluble residues: Prepared by _____ Studied by _____ Strip log _____
 Microscopic study *100-423* strip log *7-25-50*
 Gen. log _____ Correl. by *R. Screven*