

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

RECORD OF WELL

Location: 1/4 East

Town: Swedesburg

(N E)
(S W): County Henry

sec. ²²27 T 73 N., R. 6 W. Wayne Twp.

Well name and number _____

Owner Anna Lundeen

Address Swedesburg

Tenant _____

Address _____

Contractor C. L. Jennings

Address New London

Drillers Lee McPheron

Drilling dates _____

Well data:

Elevations: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position Upland

Total depth: Reported 187' feet, Measured _____ feet

Drilling method Cable Tool

Hole and casing data 145'6" of 4 1/4" casing

Original depth to water 35 ^{above} ft. below Land Surface Date _____

Original elevation of water level _____ ft.; Source of data _____

Sources of water: Principal 146-187' ; Others _____

Production data: _____ Date _____

Static depth to water 35 _____ Measuring point _____
Pumping level _____ at 7 _____ 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 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: _____ Sample storage location _____

Sample range 5-187 No. spls. 37 No. dupls. & cond. 28-P-C

Spls. prepared by PTH+REG Washed range 143-187 by REG

Driller's log and cond. v. good

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

Microscopic study SEH strip log ✓

Gen. log _____ Correl. by SEH