

WRD Exp. (OW)  
Aug. 1964

Verified PMT

## U. S. DEPARTMENT OF THE INTERIOR

## GEOLOGICAL SURVEY

## Water Resources Division Well Schedule Form

MASTER CARD

Record by W COBLE Source of data FILE Date 6/30/65 Map 1:63,360

State IOWA County (or town) POCAHONTAS

Latitude: 42 50 41 N Longitude: 94 50 59 W Sequential number: 1

Lat-long Accuracy: 2 Sec 27 ONLY NW 1/4 Other number: 5

Local well number: 7-39-2-0 Other number:

Local use: WATER Owner or name: TOWN OF LAURENS

Owner or name: IOWA Address: LAURENS, IOWA

Ownership: County, Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist 1

Use of water: Air cond, Comm, Dewatering, Fire, Dom, Irr, Ind, (P) P S, Stock, Inatit, Unused 1

Use of well: Anode, Drain, Seismic, Obs, Oil-gas, Recharge, Spring, Teac, Unused, Withdwn, Waste, Destroyed (W) X

DATA AVAILABLE: Well data 7 Freq. W/L meas.: ORIGIN Field aquifer char. 1

Hyd. lab. data:

Qual. water data: type: COMPLETE

Freq. sampling: 0 Pumpage inventory: yes period: no

Aperture cards:  yes

Log data: CRUDE GEOLOGIC D

## WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1206 Ft 1206 RPT 12

Depth cased; (final perf.): 1206 ft Casing type: 12 in

Finish: porous gravel w. concrete, (perf.), (F) gravel w. (screen), (C) horis. gallery, (R) open end, (O) perf., (P) screen, (S) sd. pt., (T) shored, (W) open hole, (X) other 1

Method (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (H) percussion, (J) air rot., (P) reverse, (R) trenching, (T) driven, (V) drive wash, (W) other 2

Date Drilled: 1916 Pump intake setting: 12 ft

Driller: THORPE WELL CO. DES MOINES, IOWA

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other P Deep 1 Shallow 2

Power (type): diesel, gas, gasoline, hand, gas, wind, H.P. 1 Trans. or meter no. 1

Descrip. MP LAND SURFACE above ft below lsd, Alt. MP 1307

Alt. LSD: 1307 Accuracy (source) ALT.

Water Level 104 ft above below MP; Ft below lsd 104 Accuracy: RPT

Date meas:  Yield: 100 gpm Method determined 100

Drawdown: ft Accuracy:  Pumping period  hrs

QUALITY OF WATER DATA: Iron 1 Sulfate 541 Chloride 11 Hard. 737

Sp. Conduct 6 K x 10 52 Temp. 52 F Date sampled 6/17/67

Taste, color, etc.

93-34W-27 babb

Well Number

42 50 54 <sup>N</sup> 094 50 59.1

## HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD		Physiographic Province: <u>CENT. LOW.</u>		Section: <u>WEST.</u>	
<u>LAKE</u> <input checked="" type="checkbox"/> Drainage Basin: <u>RACCOON</u>		<u>25A</u>		Subbasin: _____	
Top of (D) (F) (H) (S) (T) (V)		_____		_____	
well site: local depression, flat surface, hilltop, hillside, terrace, valley flat, _____					
MAJOR AQUIFER: <u>ORDOVICIAN</u> <u>CHAZYAN</u> <u>2</u> <u>ST. PETER</u>		_____		_____	
Lithology: <u>SANDSTONE</u>		Origin: <u>MARINE</u>		Aquifer Thickness: _____ ft	
Length of well open to: _____ ft		Depth to top of: <u>1156</u> ft		<u>116</u>	
MINOR AQUIFER: _____		_____		_____	
Lithology: _____		Origin: _____		Aquifer Thickness: _____ ft	
Length of well open to: _____ ft		Depth to top of: _____ ft		_____	
Intervals Screened: _____					
Depth to consolidated rock: <u>249</u> ft		Source of data: <u>IA Head Sci V.26 PA05</u>		_____	
Depth to basement: _____ ft		Source of data: _____		_____	
Surficial material: <u>SANDY TILL</u>		Infiltration characteristics: <u>POOR</u>		_____	
Coefficient Transp: _____ gpd/ft		Coefficient Storage: _____		_____	
Perm: _____ gpd/ft <sup>2</sup> ; Spec cap: _____		gpm/ft; Number of geologic cards: _____		_____	

CASINGS

12" 0-400'  
 10" 2  
 8" TO 660'  
 6" TO 1206'

