

U. S. DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Water Resources Division Well Schedule Form

MASTER CARD

Record by P.J. Horick Source of data Files Date 8/27/65 Map H.S.T.
 State Iowa County (or town) Kossuth Sequential number: 55
 Latitude: 43° 14' 07" N Longitude: 09° 40' 22" W
 Lat-long accuracy: 25 T 97 S, R 276 Sec 9, NW $\frac{1}{4}$, SE $\frac{1}{4}$, NE $\frac{1}{4}$ 5 PM
 Local well number: 09727W0926 Other number: _____
 Local use: _____ City _____
 Owner or name: TITONKA Address: Titonka, Iowa

Ownership: County, Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist _____
 Use of water: (A) Air cond, Comm, Dewatering, Fire, Dom, Irr, Ind, P S, Stock, Instit, Unused _____
 Use of well: (A) Anode, Drain, Seismic, Obs, Oil-gas, Recharge, Spring, Test, Unused, (W) Withdraw, Waste, Destroyed _____
 DATA AVAILABLE: Well data 1 Freq. W/L meas.: INVENTORY Field aquifer char. _____
 Hyd. lab. data: _____
 Qual. water data; type: COMPLETE
 Freq. sampling: INTERMITTENT Pumpage inventory: _____
 Aperture cards: _____
 Log data: Driller's log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 300 ft Meas. accuracy _____
 Depth cased: (first perf.) 123 ft Casing type: STEEL; Diam. 8 in _____
 Finish: porous gravel w. concrete, (perf.), (screen), (galler), end, _____
 Method Drilled: air bored, cable, dug, hyd jetted, rot., _____
 Date Drilled: JAN 1936 Pump intake setting: _____ ft _____
 Driller: Thorp Well Co. address Des Moines, Iowa
 Lift (type): _____ Deep _____ Shallow _____
 Power (type): _____ Trans. or meter no. _____
 Descrip. MP LSD above ft below 1162 Alt. MP 1162
 Alt. LSD: 1162 Accuracy: ALTIMETER
 Water Level 8 ft above MP; Ft below 1162 Accuracy: DRILLER'S LOG
 Date meas: JAN 1936 Yield: 115 gpm Method determined _____
 Drawdown: 3 ft Accuracy: _____
 QUALITY OF WATER DATA: Iron 0.84 Sulfate 48.6 Chloride 1.5 Hard. 2.98
 Sp. Conduct 760 K x 10⁶ Temp. _____ Date sampled 4/30/62

Taste, color, etc. VERY SLIGHTLY YELLOW COLOR OR RESIDUE IN LAB.

97-27-09 acb

Well Number 43 14 07 ^N _S 094 02 24

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: Cent. Low. Section: West. Low.

Drainage Basin: DES MOINES Subbasin: 25 B

Topo of well site: (D) local depression, (F) flat surface, (H) hilltop, (S) hillside, (T) terrace, (V) valley flat, _____

MAJOR AQUIFER: Devonian system, Middle series, D-2 aquifer, Cedar Valley Fm. formation, group, M.C. aquifer, thickness: _____ ft

Lithology: Dolomite Origin: MARINE Thickness: _____ ft

Length of well open to: 166 ft Depth to top of: 125 ft

MINOR AQUIFER: _____ system, _____ series, _____ aquifer, formation, group, _____ aquifer, thickness: _____ ft

Lithology: _____ Origin: _____ Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: _____

Depth to consolidated rock: 95 ft Source of data: DRILLER'S LOG

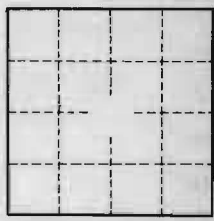
Depth to basement: _____ ft Source of data: _____

Surficial material: Sandy till Infiltration characteristics: Poor

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: 38.3 gpm/ft; Number of geologic cards: _____

Casing: 123' of 8" casg 0-123'
 20' of 8" screen 120-140'
 160' of 6" perf. liner screwed
 to 8" screen 140-300'



Geology:

Pleist. 0 - 95'

Cret. 95 - 125'

Dev. 125 - 300'