WRD Exp. (GW)
Aug. 1964

32215

Verified ERC

Punched FCH

083-28W-19 CAD.1

U. S. DEPARTMENT OF THE INTERIOR — GEOLOGICAL SURVEY

Water Resources Division Well Schedule Form

MASTER CARD

Record by D.AARONSON | Source of data FILE | Date 1/19/66 | Map FT. DODGE, QUAD 1:62,500

State IOWA (16) | County (or town) WEBSTER (94)

Latitude: 42 deg 30 min 21 sec N | Longitude: 094 degrees 11 min 49 sec W | Sequential number: 1

Lat-long accuracy: 2 | T 89 N, R 28 W, Sec 19, SE ¼, NE ¼, SW ¼ 5

Local well number: 083 28W 19 CAD | Other number: W-0186 (B & M)

Local use: 00186 CITY 5 | Owner or name: CITY WELL #5

Owner or name: FT DODGE | Address: FT. DODGE, IA.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M

Use of water: (A) Air cond, (C) Comm, (D) Dewatering, (F) Fire, (H) Dom, (I) Irr, (N) Ind, (P) P S, (S) Stock, (T) Instit, (U) Unused — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (O) Obs, (P) Oil-gas, (R) Recharge, (S) Spring, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well data 4 | Freq. W/L meas.: NONE | N | Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: | Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data: GEOLOGIST LOG — G

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: 624 ft | 6234 Meas. (ep) | accuracy 6

Depth cased: (first perf.) ft | Casing type: ; Diam. 8 in | 8

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

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

Date Drilled: 1913 9 13 | Pump intake setting: ft

Driller: name, address

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

Power (type): diesel, elec, gas, gasoline, hand, nat gas, LPG, wind; H.P. | Trans. or meter no.

Descrip. MP LSD ft above below lsd, Alt. MP 980

Alt. LSD: 980 | 980 | Accuracy: (source) ACTIMETER — 7

Water Level ft above below MP; Ft above below lsd | Accuracy:

Date meas: | Yield: 47 gpm | 47 | Method determined

Drawdown: ft | Accuracy: | Pumping period hrs

QUALITY OF WATER DATA: Iron ppm | Sulfate ppm | Chloride ppm | Hard. ppm

Sp. Conduct K x 10^6 | Temp. °F | Date sampled

Taste, color, etc.

Well Number 42 30 21 N 094 11 49 W
(d m s d m s)

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD | Physiographic Province: CENTRAL LOWLAND (12) | Section: WESTERN

LAKE (B) | Drainage Basin: DES MOINES (25B) | Subbasin:

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

MAJOR AQUIFER: system, series, aquifer, formation, group

Lithology: MEDIUM LIMESTONE (2L) | Origin: MARINE (6) | Aquifer Thickness: ft

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

MINOR AQUIFER: system, series, aquifer, formation, group

Lithology: | Origin: | Aquifer Thickness: ft

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

Intervals Screened:

Depth to consolidated rock: 0 ft | 0 | Source of data: WELL CUTTINGS (C)

Depth to basement: ft | Source of data:

Surficial material: SHALE (F) | Infiltration characteristics: POOR (4)

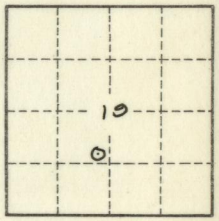
Coefficient Trans: gpd/ft | Coefficient Storage:

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

CASING:

8" TOP

6" BOTTOM



GPO 844-225