

32214

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Verified ERC

U. S. DEPARTMENT OF THE INTERIOR

Water Resources Division Well Schedule Form

MASTER CARD

Record by DAARONSON Source of data FILE Date 1/13/66 Map 1:62,500

State IOWA County WEBSTER Sequential number 99
Latitude 42° 30' 16" N Longitude 094° 11' 58" W
Local well number 20 Local well name W 20
Local use 0101BIS City CITY State IA
Owner or name F T D D G E Address

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist
Use of (A) (C) (D) (F) (H) (I) (N) (S) (T) (U)
water: Air cond, Comm, Dewatering, Fire, Home, Irr, Ind, Stock, Instit, Unused
well: (A) (D) (G) (O) (P) (R) (S) (T) (U) (X) (Z)
well: Anode, Drain, Seismic, Obs, Oil-gas, Recharge, Spring, Test, Unused, Withdraw, Waste, Destroyed
DATA AVAILABLE: Well data 4 Freq. W/L meas.: NONE Field aquifer char. 72
Hyd. lab. data:
Qual. water data: Type:
Freq. sampling: Pumpage inventory: no, period:
Aperture cards:
Log data:

GEOLOGIST LOG

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 400 ft Casing: 6 ft
Depth cased: ft Casing: ft Accuracy: in
Finish: porous gravel w. horiz. open perf., screen, ad. pt., shored, open hole, other
Method (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z)
Drilled: air bored, cable, dug, hyd jetted, percussive, rotary, wash, other
Date Drilled: 12/13 Pump intake setting: 33 ft
Driller: name (L) (M) (N) (P) (R) (S) (T) (Z) Deep Shallow D
Lift (A) (B) (C) (D) (J) multiple, none, piston, rot, submerg, turb, other
Power (A) (B) (C) (D) (J) diesel, elec, gas, gasoline, hand, gas, wind; H.P.
Type: LSD ft below lsd, Alt. MP 980.65

Alt. LSD: 981 ft above lsd Accuracy: 1 ft
Water Level: 135 ft below MP; Ft below lsd Accuracy: 60 ft
Date means: 135 ft Yield: 60 gpm Method determined 61
Drawdown: 135 ft Accuracy: 3 ft
QUALITY OF WATER DATA: Iron ppm 70 Sulfate ppm 70 Chloride ppm 70 Hard. ppm 72
SP. Conduct. K x 10 ⁶ 73 Temp. 74 Date sampled 75
Taste, color, etc. 76

089-28W-19 CD8

Well Number 42 30 16 Section: WESTERN
HYDROGEOLOGIC CARD

Physiographic Province: CENTRAL LOWLAND Section: WESTERN
Drainage Basin: DES MOINES Subbasin: 25B
Topo of well site: local depression, flat surface, hilltop, hillside, terrace, valley flat, 27
MAJOR AQUIFER: system LIMESTONE series 43 origin MARINE aquifer, formation, group 6 aquifer 30 thickness 47
Lithology: 33 Length of well open to: 38 ft Depth to top of: 40 ft
MINOR AQUIFER: system 44 series 43 origin 43 aquifer, formation, group 30 thickness 37
Lithology: 31 Length of well open to: 34 ft Depth to top of: 36 ft
Intervals Screened: 31 to 33
Depth to consolidated rock: 35 ft Source of data: VELL CUTTINGS 44
Depth to basement: 35 ft Source of data: 49
Surficial material: SAND Infiltration characteristics: POOR 72
Coefficient of storage: 73 Coefficient of storage: 73
Trans: 73 gpd/ft 73 gpm/ft; Number of geologic cards: 79
Perm: 73 gpd/ft; Spec cap: .44

CASING:

8" TOP

6" BOTTOM

