WRD Exp. (GW)
April 1966

Well No. 080-12W-19BDC

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by D. AARONSON | Source of data FILE | Date 2/8/67 | Map 1:63,360 COUNTY NWY.

State IOWA [16] | County (or town) IOWA [48]

Latitude: 41 43 38 N | Longitude: 092 17 35 | Sequential number: 1

Lat-long accuracy: 2 | T. 80 N S, R 12 E W Sec 19, SW ¼, SE ¼, NW ¼ 5

Local well number: 080 12W 19BDC | Other number: B & M W-11746

Local use: 11746 60CITY 2 | Owner or name: VICTOR TOWN WELL

Owner or name: VICTOR IOWA | Address: VICTOR, IOWA

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mod, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

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

DATA AVAILABLE: Well data 5 | Freq. W/L meas.: NONE N | Field aquifer char.

Hyd. lab. data:

Qual. water data; type: COMPLETE — C

Freq. sampling: INVENTORY 0 | Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data: GEOLOGIST-DRILLER'S — GD

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: 375 ft | 375 | Meas. rept accuracy: DRILLER'S LOG — 3

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

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

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

Date Drilled: JAN. 1960 | 960 | Pump intake setting: ft

Driller: THORPE WELL CO. (name), DES MOINES, IA. (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 D

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

Descrip. MP LSD ft above/below LSD. Alt. MP 892

Alt. LSD: 892 | 892 | Accuracy: (source) ALTIMETER — 7

Water Level ft above/below MP; Ft above/below LSD | Accuracy:

Date meas: | Yield: gpm | Method determined

Drawdown: ft | Accuracy: | Pumping period hrs

QUALITY OF WATER DATA: Iron 1.5 ppm [5] | Sulfate 803 ppm [8] | Chloride 5.5 ppm [0] | Hard. 650 ppm [8]

Sp. Conduct 1300 K x 10^6 [5] | Temp. °F | Date sampled APR. 30, 1962 — 462

Taste, color, etc. SLIGHTLY CLOUDY WITH VERY PALE YELLOW COLOR ON RECEIPT IN LAB.

Punched ERC Verified PKT

Well No. 080-12W-19BDC

Well No. 080-12W-17BDC

Latitude-longitude 41 d 43 m 38 s (N) S 092 d 17 m 35.1 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: CENTRAL LOWLAND [12] (20–21) Section: DISSECTED

TILL PLAIN [E] (22) Drainage Basin: IOWA [25D] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Φ) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: QUATERNARY system PLEIST series [QG] (28–29) _____ aquifer, formation, group [GX] (30–31)

Lithology: SAND & GRAVEL [R] (32–33) Origin: GLACIAL [O] (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: _____ ft (38–40) Depth to top of: 312 ft [312] (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: _____

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

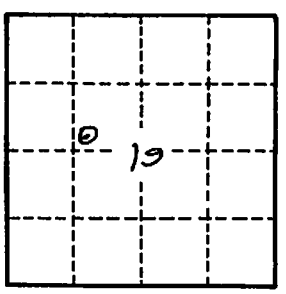
Surficial material: NONCALC LOESS [NQ] (70–71) Infiltration characteristics: POOR [4] (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

CASING:

NO INFORMATION



Well No. 080-12W-17BDC

GPO 857-700

080-12W-19BDC

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
RECORD OF WELL

W11746

Location:

Town: Victor (NE) (SW) County Iowa

SW SE NW sec. 19 T. 80 N., R. 12 (E) (W) Twp.

Well name and number

Owner City Water Works #2 Address Victor, Iowa

Tenant Address

Contractor THORPE Well Co. Address DES MOINES, IOWA

Drillers Bill Faust

Drilling dates JAN. 1960

Well data:
Altitudes: Drilling curb feet; Land surface 892 feet

Determined by Altimeter (KAR)

Topographic position

Total depth: Reported 375 feet; Measured feet

Drilling method

Hole and casing data

Original depth to water ft. above/below Date

Source of data

Sources of water: Principal _____

Others _____

PRODUCTION DATA

Date _____

Static water level _____

Pumping water level _____

Yield (g.p.m.) _____

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA

TL1-31

Well No. W11746 Sample range 0'-375' No. of samples 76

No. of dupls. and cond. 27 Poor Washed range _____

Samples prepared by Koch Date 1/13/60

Logged by Northup Date _____

Correlations by _____ Date _____