WRD Exp. (GW)
April 1966

REPLACEMENT Well No. Elay # 17 / H6

# WELL SCHEDULE

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

192C

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

## MASTER CARD

Record by C. Jessup Source of data MoGS Date 11-3-66 Map

State Missouri [28] County (or town) Laclede [40]

Latitude: [3 2 4 7 5 6 N] deg min sec N S Longitude: [0 8 9 2 0 5 5] 12 degrees 15 min sec 18 Sequential number: [1] 19

Lat-long accuracy: [2] 20 T. 11 (N) S, R 9W (E) W, Sec 14, SW ¼, SE ¼, SW ¼ B & M

Local well number: H 0 0 6 D C 14 1 1 N 0 9 E 21 25 30 34 Other number:

Local use: 0 6 4 0 1 7 8 6 9 3 8 35 40 45 51 Owner or name: Edinburg Comm. Water System Test Hole #1

Owner or name: E D I N B U R G W A 52 56 61 66 Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [N] 67

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (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] 68

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] 69

DATA AVAILABLE: Well data [ ] 70 Freq. W/L meas.: [ ] Field aquifer char. [Q] 71 [Z] 72

Hyd. lab. data: [ ] 73

Qual. water data; type: MS BOH USGS 3-18-70 [C] 74

Freq: sampling: [ ] 75 Pumpage inventory: yes no, period: [ ] 76

Aperture cards: [ ] yes 77

Log data: Elay 0-199 ft, Run #1 36-866 Run #2 Samples. [D E] 78 79

## WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 849 ft [8 4 9] 20 23 Meas. rept accuracy [3] 24

Depth cased: (first perf.) 809 ft [8 0 9] 25 28 Casing type: ; Diam. 8 Y 6 in [8] 29 30

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other, (X) other [S] 31

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) drive wash, (Z) other [H] 32

Date Drilled: 10-21-66 [9 6 6] 33 35 Pump intake setting: ft [ ] 36 38

Driller: Layne Central Co. 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 [T] 39 Deep Shallow [ ] 40

Power (type): diesel, (elec), nat gas, gasoline, hand, LP gas, wind; H.P. 20 [V] 41 Trans. or meter no.

Descrip. MP 2± ft (above) below LSD Alt. MP

Alt. LSD: 385 T. [3 8 5] 42 45 Accuracy: (source) [4] 47

Water Level 39.56 ft (above) below MP; Ft below LSD [4 0] 48 51 Accuracy: [A] 52

Date meas: 12/4/79 [D 7 9] 53 55 Yield: 157 gpm [1 5 7] 56 60 Method determined [4] 61

Drawdown: ft [ ] 62 64 Accuracy: [ ] Pumping period hrs [ ] 66 68

QUALITY OF WATER DATA: Iron 0.06 ppm [ ] 69 Sulfate ppm [ ] 70 Chloride 2.4 ppm [1] 71 Hard. Code 2 ppm [ ] 72

Sp. Conduct 265 K x $10^6$ [2] 73 Temp. °F [7 8] 74 76 Date sampled 11-66 [N 6 6] 77 79

DS=182

Taste, color, etc. Fe = 0.2 pH = 8.0

Well No. H6

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Latitude-longitude N S d m s d m s

## HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section:

D (22) Drainage Basin: 13T (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system, series TE (28–29) middle Wilcox aquifer, formation, group T.W (30–31)

Lithology: US (32–33) Origin: 2 (34) Aquifer Thickness: ft

60 (35–37) Length of well open to: ft 40 (38–40) Depth to top of: ft 797 (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: 809 – 849 .010 SS

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

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

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: 21000 = gpd/ft 213 (73–75) Coefficient Storage: — (76–78)

Coefficient Perm: 350 gpd/ft²; Spec cap: 3.75 gpm/ft; Number of geologic cards: (79)

50,000 elev tank
Treatment Chlorination
Consumers 160

Pumping test
yield 236 gpm

N

14

X

well

Carthage

65

A

Gulf Sta

Pearl River

Kenneth L. Smith
looks after well

Well No. H6

WL Data
12-66 29 ft
8-69 32
12/13/88
WL = 42.50 JEverett

GPO 857-700