FORM 9-1642
(1-68)

Well No. K 7

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by PEG Source of data obs. Date 6-25-64 Map

PUNCHED

JAN 17 1975

State 28 County (or town) HANCOCK 23

Latitude: 30 18 40 N Longitude: 089 19 30 Sequential number: 1

Lat-long accuracy: 3 T. 8 S R 13 E IVV. Sec 29

Local well number: K 007 2908 S 13 W Other number: #5 ESTER BROOK B & M NEWCASTLE

10/14/82 Local use: 024 Owner or name: CTY. PUB. ST. LOUIS

WL = 8' above LSD Owner or name: BAY ST LOUIS Address:

T = 27.5° Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist M

Cond = 470 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) S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other P

pH = 8.6 Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. W

DATA AVAILABLE: Well data [ ]. Freq. W/L meas.: Φ Field aquifer char.

Hyd. lab. data:

11/12/85 Qual. water data; type: USGS 8/15 C

20 DAY Freq. sampling: Pumpage inventory: yes no, period:

-7.4 Aperture cards: yes

12.6 Log data:

mp=2.9

9.7 below LSD

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 914 Meas. rept accuracy 6

Depth cased; (first perf.) ft 872 Casing type: ; Diam. 10 X 6 in 10

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

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

Date Drilled: 4/1963 9 6 3 Pump intake setting: ft

Driller: FRED SUTTER (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 Deep Shallow

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

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 20 Accuracy: (source) CIS 3

Water Level +1 ft above below MP; Ft above below LSD +1 Accuracy: B

Date meas: 6-25-64 6 6 4 Yield: gpm Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct 350 K x 10^6 3 Temp. °F 3 1 5 Date sampled 8 7 5

Taste, color, etc. pH = 8.2

Well No. K 7

Well No. K7

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: _____ [0 3] (20–21) Section: _____

_____ [D] (22) Drainage Basin: _____ [1 3 S] (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: _____ system, _____ series [T P] (28–29) _____ aquifer, formation, group [G F] (30–31)

Lithology: _____ [S] (32–33) Origin: _____ [3] (34) Aquifer Thickness: _____ ft

[ ] (35–37) Length of well open to: _____ ft [4 2] (38–40) Depth to top of: _____ ft [ ] (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: 40'

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

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

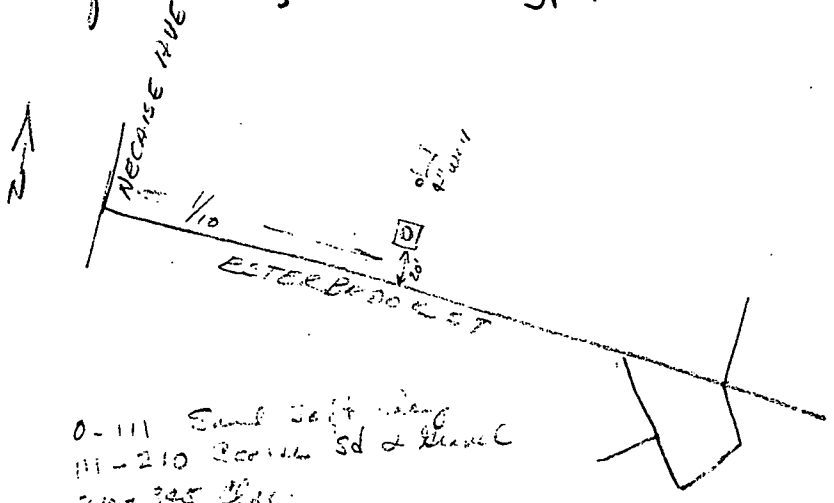
Surficial material: _____ [ ] (70–71) Infiltration characteristics: _____ [ ] (72)

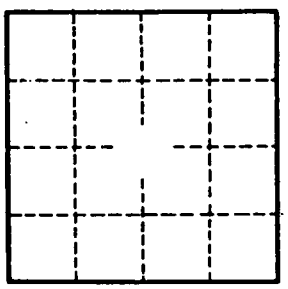
Coefficient Trans: _____ gpd/ft [ ] (73–75) Coefficient Storage: _____ [ ] (76–78)

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

111' of 10" Casing

5.9 gpm/ft (Grimes 1990)





0 - 111 Sand Sd & Gravel
111 - 210 Sandy Sd & Gravel
210 - 345 Clay
345 - 374 Sd
374 - 817 Clay
817 - 914 Sd.

Water level reported as +6' LSD when drilled

Well No. K7

GPO 937-142