IN Ripley

FORM 9-1642
(1-68)

Well No. F18

WELL SCHEDULE

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

114-A

WL Data 8/19/87 WL = 59.30

11/18/91 DIT
76.00
11-79
64.21
-1.00
62.00

MP = top of concrete slab. Well no longer in use

11-29-82 WL = 62.92

MASTER CARD

Record by: EHB — Source of data: DAVIS WTR SUPT — Date: 7/58 — Map: Houston East (VAN VLEET struck through)

State: 28 — County (or town): Chickasaw — 09

Latitude: 335400N — Longitude: 0885946 — Sequential number: 1

Lat-long accuracy: 3 — T. 13 S — R. 3 E — Sec. 33 — SW ¼ SW ¼ SW ¼ — B & M

Local well number: F018CC33 13S03E — Other number:

Local use: 064 572 73 — Owner or name:

Owner or name: HOUSTON — Address:

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, (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: Standby could be used — U

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 — Freq. W/L meas.: O — Field aquifer char. Z

Hyd. lab. data:

Qual. water data; type: USGS July '58 — C

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

Aperture cards: yes

Log data: See e-log #38 (K45) nearby

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 115' by one report ft — 130 — Meas. / rept — accuracy 6

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

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (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: 942 — Pump intake setting: ft

Driller: Layne Central (name), Memphis (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, elect, nat gas, gasoline, hand, LP gas, wind; H.P. 7½ — U — Trans. or meter no.

Descrip. MP: Hole in pump base 3.0 0.8 ft above LSD, Alt. MP

Alt. LSD: 346 (corrected to 340) — Accuracy (source): 5

Water Level: 65.2 ft below MP; Ft below LSD 62 — Accuracy: A

Date meas: 5/24/72 (64.4) — 078 — Yield: 250 gpm — Method determined

Drawdown: ft — Accuracy: — Pumping period hrs 2

QUALITY OF WATER DATA: Iron 1.1 ppm — Sulfate 132 ppm — Chloride 9.0 ppm — Hard. 107 ppm

Sp. Conduct 675 K x 10^6 4 — Temp. °F 170 — Date sampled N70

Taste, color, etc. pH = 7.6, USGS 5/72

Sp Cond 711
DS = 489

F18

PUNCHED AND VERIFIED

Well No. F18

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: 13E (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, K3 (28–29) ____ aquifer, formation, group RI (30–31)

Lithology: ____ 5 (32–33) Origin: ____ 6 (34) Aquifer Thickness: ____ ft

120 (35–37) Length of well open to: ____ ft (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: ____

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

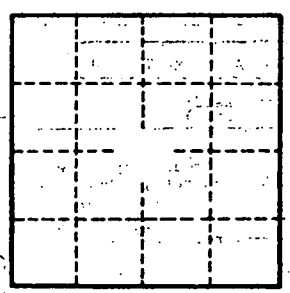
Depth to basement: ____ ft (65–68) Source of data: ____ (69)

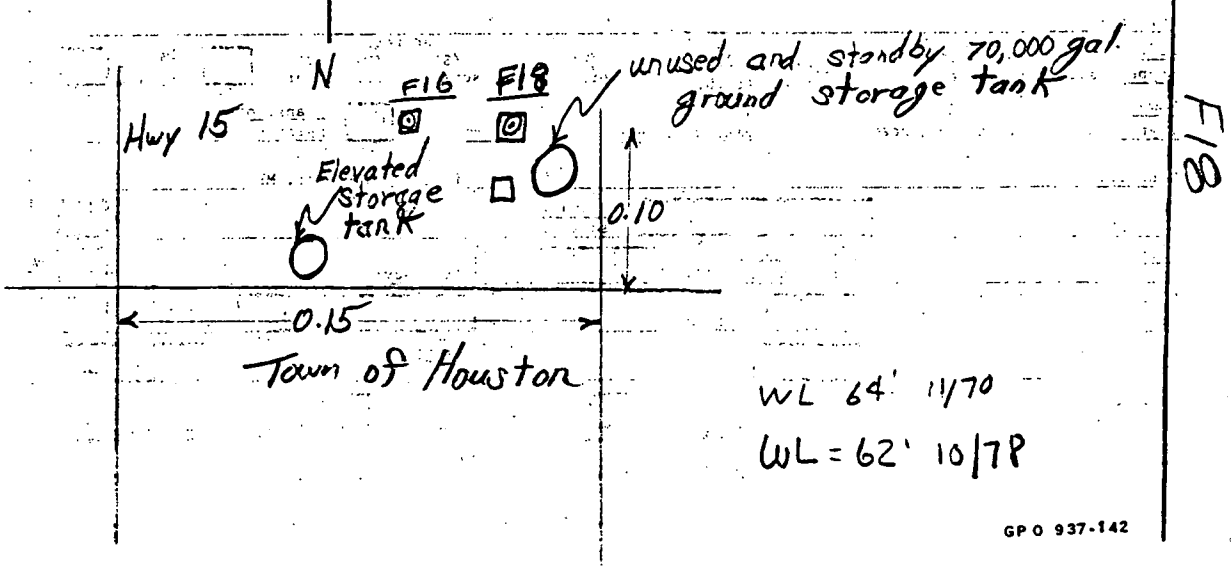
Surficial material: ____ (70–71) Infiltration characteristics: ____ (72)

Coefficient Trans: 6,000 gpd/ft 602 (73–75) Coefficient Storage: W-T (76–78)

Coefficient Perm: 50 gpd/ft²; Spec cap: 7.3 gpm/ft; Number of geologic cards: ____ (79)

Well not in use but could be in emergency.





WL 64' 11/70

WL = 62' 10/78

GPO 937-142