corrected JBC 11/26/76

FORM 9-1642 (1-68)

Well No. F16

WELL SCHEDULE

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

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

WATER SUPT.

Record by V M Foster Source of data Burked DAVIS Date 7/40 Map

State 28 County (or town) Chickasaw 09

Latitude: 33 54 00 N deg min sec S Longitude: 088 59 50 degree min sec Sequential number: 1

Lat-long accuracy: 3 T. 13 N R. 3 W, Sec 33, SW ¼, SW ¼, SW ¼

Local well number: F 16 CC 33 13 S 03 E Other number: Town of Houston B & M

Local use: 064 771 Owner or name:

Owner or name: HOUSTON Address: at Power House

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 — 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. — U

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

Hyd. lab. data:

Qual. water data; type: USGS (?) 10-27-54 C

Freq. sampling: [ ] Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: See e-log #38 for K45

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 1076 Meas. rept accuracy 3

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

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: 9 3 1 Pump intake setting: ft

Driller: Layne Central (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, gas, gasoline, hand, gas, wind; nat LP H.P. 10 — 4 Trans. or meter no.

Descrip. MP 345 (DH 9-1) ~~330 (12/89)~~ 1.5 ft above below LSD, Alt. MP

Alt. LSD: 340 Accuracy: (source) topo 5

Water Level ft above below MP; F above below LSD 153 Accuracy: A

Date meas: 678 Yield: @ 60 psi gpm 60 Method determined 4

Drawdown: ft Accuracy: A Pumping period hrs 7

QUALITY OF WATER DATA: Iron 0.36 ppm Sulfate 3.8 ppm Chloride 90 ppm Hard. 26 ppm

Sp. Conduct 565 K x 10^6 4 Temp. °F 74 Date sampled 0574

Taste, color, etc.

DS: 316

Well No.

Well No. F16

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, (Ø) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series K3 (28–29) _____ aquifer, formation, group EZ (30–31)

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

80 (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: 10,000 gpd/ft 103 (73–75) Coefficient Storage: _____ (76–78)

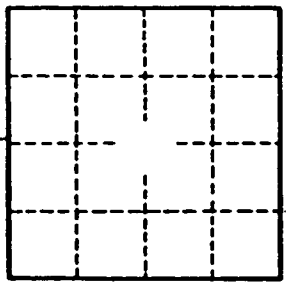
Coefficient Perm: 125 gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

Average run 12 hrs/day

WL

80 ft in 1931
103 1940

Pumping test possible will need cox flow meter 3/4" hole in line.



WL - 196' (1971)
WL: 142 (11/70)
WL: 153 (10/78)
WL = 166.56 (11-29-82)
WL = 151.27 (1987)

MP = hole for power lines @ 1.5'

See F18 for sketch

Well No. F16

GPO 937-142