WRD Exp. (GW)
April 1966

Well No. M4

Elog #22

WELL SCHEDULE

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

TRANSMITTED FOR ADP

341820089164001

MASTER CARD

Record by P.E. Grantham Source of data E Log Drlr. Date 7-10-68 Map Denmark Quad

State Mississippi [28] County (or town) Lafayette [36]

Latitude: [34 18 20 N] deg min sec Longitude: [089 16 40] degrees min sec Sequential number: [2]

Lat-long accuracy: [2] T. 9 (S) R. 1 (W) Sec 14, NE ¼, NW ¼, NW ¼ B & M

080302020?

Local well number: [M004BB1409501W] Other number: Well #3

Local use: [064022] Owner or name: Lafayette Spgs. Water Assoc

Owner or name: [LAFAYETTE SPGS] Address:

10/24/78
230.30

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

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]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) 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.: [Ø] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: U.S.GS 6/72 [C]

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

Aperture cards: yes [ ]

Log data: E Log 2-1631 USGS [D E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: ft [1646] Meas. rept accuracy [3]

Depth cased: (first perf.) ft [1616] Casing type: Steel ; Diam. 6 X 8 in [8]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) 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: [968] Pump intake setting: ft [315]

Driller: Layne Central (name), Memphis Tenn (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 [S] Deep Shallow [ ]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 15 [U] Trans. or meter no.

10/24/78
WL = 230.

Descrip. MP ft above below LSD. Alt. MP

Alt. LSD: 430' [430] Accuracy: (source) topo [3]

Water Level ft above below MP; Ft above below LSD [215] Accuracy: A [A]

Date meas. 10/23/70 [070] Yield: gpm [178] Method determined [4]

Drawdown: ft [ ] Accuracy: [ ] Pumping period hrs [ ]

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

Sp. Conduct 550 K x 10^6 [4] Temp. °F [275] Date sampled [672]

Taste, color, etc. USGS pH = 7.9

Well No. M4

Well No. M4

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 5 F] (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 [K 3] (28–29) _____ aquifer, formation, group [G Ø] (30–31)

Lithology: _____ [U S] (32–33) Origin: _____ [6] (34) Aquifer Thickness: 80 ft

[8 0] (35–37) Length of well open to: _____ ft [3 0] (38–40) Depth to top of: 1580 ft [A S B] (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: 6" S.S. 1616-1646

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

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

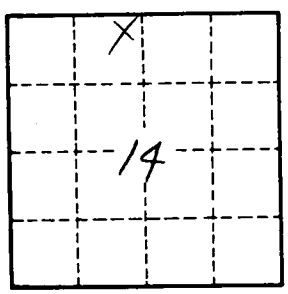
Surficial material: _____ [ ] (70–71) Infiltration characteristics: _____ [ ] (72)

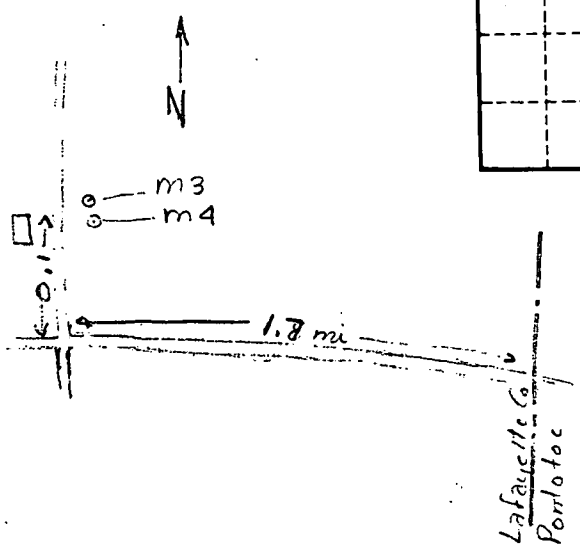
Coefficient Trans: _____ gpd/ft [ ] (73–75) Coefficient Storage: _____ [ ] (76–78)

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

Inconclusive pumping test 10/70
Geo. Knight at ext'd. Clinton Waldrop

WL 207 2/68





? -1433 Sh + rk
-1585 Sh + sdy stks
-1665 Sd + grav.

Well No. M4

GPO 857-700