WRD Exp. (GW)
April 1966

Well No. P 24
E log # 35

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by WTO | Source of data Misc | Date 9-69 | Map

State Miss. [28] | County (or town) PANOLA [54]

Latitude: [34 17 11 N] | Longitude: [090 06 05] | Sequential number: [1]

Lat-long accuracy: [3] T. 9 S R 9 W Sec 24, NW ¼, NE ¼, SW ¼

Local well number: [P024 AC24 09S 09W] | Other number: #1 B & M

Local use: [035] | Owner or name: ELC WATER ASSN

Owner or name: [E L & C W A] | Address: Test Hole #2

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, (Z) Desal-other, Other [P]

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.: [Ø] | Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

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

Aperture cards: [ ] yes

Log data: E log [DE]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: [1164] ft | Meas. rept accuracy [3]

Depth cased: (first perf.) [1124] ft | Casing type: Steel ; Diam. 8X6 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 [T]

Date Drilled: [9 6 68] | Pump intake setting: ft

Driller: JAMES RAY LIPE WATER Well Co.

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, gas, gasoline, hand, nat gas, LP gas, wind; H.P. 20 [V] Trans. or meter no.

Descrip. MP ft above/below LSD, Alt. MP

Alt. LSD: [1174] | Accuracy (source): topo

Water Level ft above/below MP; Ft above/below LSD [+10] | Accuracy:

Date meas: [68] | Yield: Flows ~ 9gpm when pump is not running [250] gpm | Method determined

Drawdown: ft | Accuracy: | Pumping period hrs

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

Sp. Conduct 380 K x 10^6 [3] | Temp. 72 °F | Date sampled

Taste, color, etc. (pH = 8.4 Fe trace TALK - 230 CL - 33

Hardness 1 — From 1134 - 1164) (600' sand Flows 35gpm

DEC 9 1974

Well No. P 24

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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: ____ 15E (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, TE (28, 29) ____ aquifer, formation, group LW (30, 31)

Lithology: ____ 25 (32, 33) Origin: ____ (34) Aquifer Thickness: ≥50 ft

050 (35, 37) Length of well open to: ____ ft 740 (38, 40) Depth to top of: 1016 ft A12 (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)

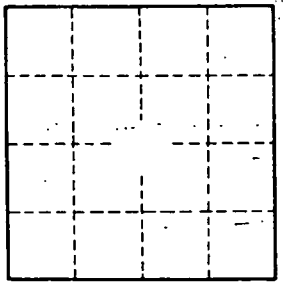
Depth to basement: ____ ft (65, 68) Source of data: ____ (69)

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

Coefficient Trans: ____ gpd/ft (73, 75) Coefficient Storage: ____ (76, 78)

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

10,000 gallon pressure storage tank



Engr. Myres & Knight

7-12-1973
@ 1700
water level = +1.0
well flows ~9 gpm into nearby pond when pump is not running.
~300 customers
specific conductance = 580
water temperature = 23.5°C

treatment
Chlorination

see well P25 for location

Well No. P24

GPO 857-700