WRD Exp. (GW)
April 1966

REPLACEMENT ✓ Well No. L3

WELL SCHEDULE

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

MASTER CARD

Record by Jonathan Oakley Source of data water supply, Pete Roberts Date 8-3-65 Map

State Miss [28] County (or town) Marion [46]

Latitude: 31 14 45 N (deg 7 min 9 sec 11) Longitude: 089 49 14 (12 degrees 15 min sec 18) Sequential number: 1 (19)

Lat-long accuracy: 3 (20) T. 3 N, R. 18 E Sec 4, SW ¼, SW ¼, ¼

Local well number: L003CC0403N18W (21–34) Other number: 64B B & M

Local use: 038 (35–51) Owner or name: City of Columbia

Owner or name: COLUMBIA (52–66) Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) Agency, (W) Water Dist [M] (67)

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, Desal-other, (Z) Other [Z] (68)

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. [Z] (69)

DATA AVAILABLE: Well data [ ] (70) Freq. W/L meas.: [Φ] (71) Field aquifer char. [ ] (72)

Hyd. lab. data: [ ] (73)

Qual. water data; type: MSBOH (5-60) [P] (74)

Freq. sampling: [ ] (75) Pumpage inventory: yes no, period: [ ] (76)

Aperture cards: yes [ ] (77)

Log data: [ ] (78 79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (19) Depth well: 136 ft [136] (20–23) Meas. rept accuracy [6] (24)

Depth cased (first perf.) ft (25–28) Casing type: ; Diam. in (29 30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [5] (31)

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] (32)

Date Drilled: May 1960, [955] (33–35) Pump intake setting: ft (36–38)

Driller: Dean Grimes name, Columbia 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] (39) Deep Shallow (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 40 [V] (41) Trans. or meter no.

Descrip. MP top of 3/4" apple on N. side pump, 2.40 ft above below LSD, Alt. MP

Alt. LSD: [2.10] (42–45) Accuracy (source) 155 WTO [6] (47)

Water Level 17.60 ft above below MP; Ft above below LSD [1.5] (48–51) Accuracy: Imped [A] (52)

Date meas: 8-2-65 (53) [865] (55) Yield: gpm (56–60) Method determined (61)

Drawdown: ft (62–64) Accuracy: (65) Pumping period hrs (66–68)

QUALITY OF WATER DATA: Iron 2 ppm (69) Sulfate 8.2 ppm (70) Chloride 7.0 ppm (71) Hard. 10 ppm (72)

Sp. Conduct K x 10^6 (73) Temp. 68 °F (74–76) Date sampled (77–79)

Taste, color, etc.

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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: 13V (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 F (27)

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

Lithology: US (32–33) Origin: 3 (34) Aquifer Thickness: ft

(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:

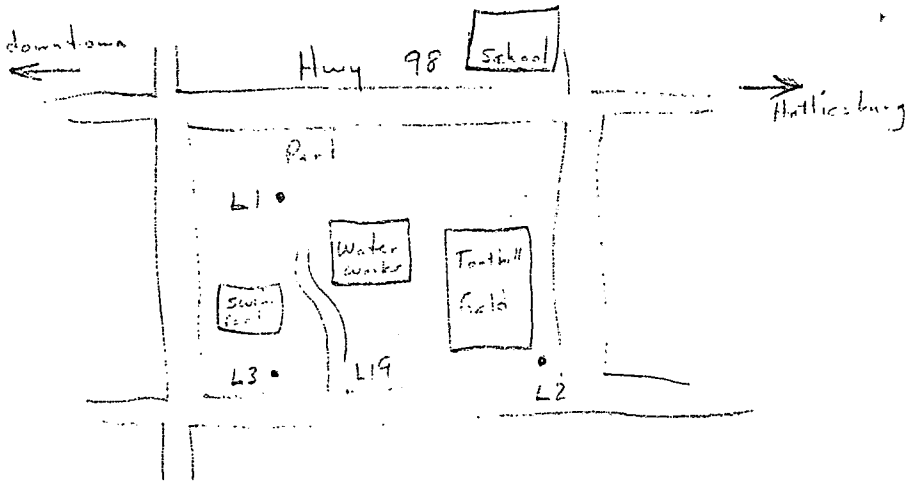
Depth to consolidated rock: ft (60–63) Source of data: (64)

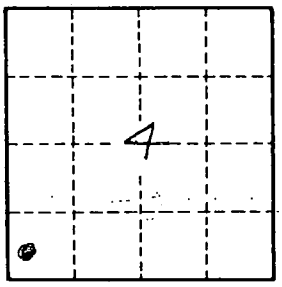
Depth to basement: ft (65–68) Source of data: (69)

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

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

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





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GPO 857-700