WRD Exp. (GW)
April 1966

P&U

Well No. 274812N0811903.1

P-49

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WELL SCHEDULE

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

Latitude-longitude 27, 48, 12 N/S 81, 19, 03 (d m s d m s)

748-119-442

MASTER CARD

C.P. Laughlin 4/18/67 Lake Weohyakapka SE

Record by: Jws — Source of data: field — Date: 8/31/48 — Map: 7½' quad - 1:24000

State: Florida [09] — County (or town): Polk [53]

Latitude: 27 48 12 N/S (deg 7, min 9, sec 11) — Longitude: 081 19 03 (12 degrees, 13 min, sec 18) — Sequential number: [1]

Lat-long accuracy: [1] — T 31 N/S R 30 E/W, Sec 9, SE ¼, NE ¼, NE ¼ Tallahassee B&M

Local well number: P 49 74 81 19 01 22 4 — Other number: P-49

Local use: 31S30E09 — Owner or name: U.S. Geological Survey

Owner or name: U S GEOL SURVEY — Address:

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

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, (Ø) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — [Ø]

DATA AVAILABLE: Well data [2] — Freq. W/L meas.: recorder [C] — Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards: yes

Log data: Driller's log [D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 17 ft [17] — Meas. rept accuracy: Meas [0]

Depth cased (first perf.): 13.8 ft [14] — Casing type: Black iron; Diam. 6 in [6]

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 — [Z]

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 — [C]

Date Drilled: 8/31/48 [948] — Pump intake setting: ft

Driller: Van Duyne, Inc., Winter Haven Florida (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 — [N] Deep / Shallow

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

Descrip. MP: Top of casing, 3.2 ft above/below LSD, Alt. MP 108.13

Alt. LSD: 104.93 [105] — Accuracy (source): Inst. level [0]

Water Level: 6.57 ft above/below MP; Ft above/below LSD [3] — Accuracy: Taped [A]

Date meas: 3/8/67 [367] — Yield: gpm — Method determined

Drawdown: ft — Accuracy: — Pumping period: hrs

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

Sp. Conduct 66 K x 10^6 — Temp. °F — Date sampled

Taste, color, etc.

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD — Physiographic Province: Coastal Plain [03] — Section: Floridan

SECTION [C] — Drainage Basin: Lake Okeechobee [108] — Subbasin: Inflow area [1]

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat — [F]

MAJOR AQUIFER: Quaternary (system) Pleistocene (series) [QG] Pleistocene Sand and Gravel (aquifer, formation, group) [2P]

Lithology: Sand and gravel [R] — Origin: — Aquifer Thickness: ft

Length of well open to: 3.2 ft [3] — Depth to top of: 9 ft [9]

MINOR AQUIFER: system, series, aquifer, formation, group

Lithology: — Origin: — Aquifer Thickness: ft

Length of well open to: ft — Depth to top of: ft

Intervals Screened:

Depth to consolidated rock: ft — Source of data:

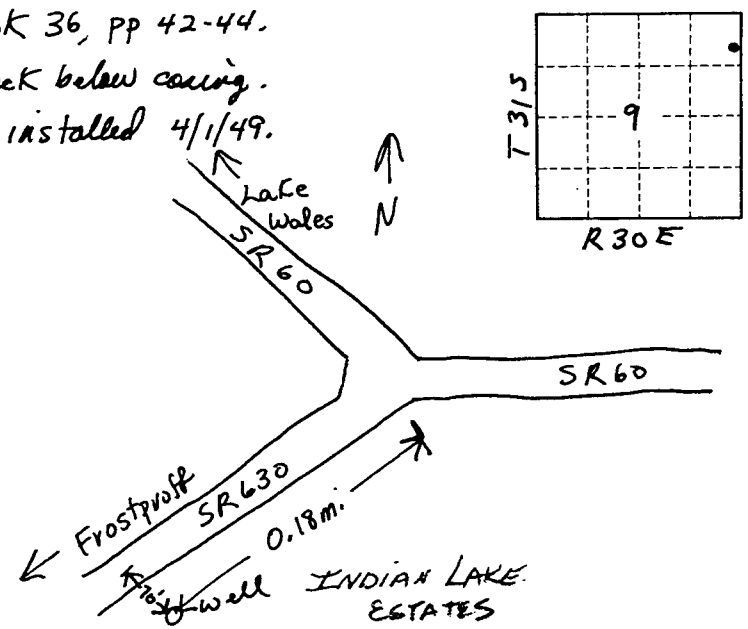
Depth to basement: ft — Source of data:

Surficial material: — Infiltration characteristics:

Coefficient Trans: gpd/ft — Coefficient Storage:

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards:

Log Book 36, pp 42-44.
Gravel pack below casing.
recorder installed 4/1/49.



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GPO 857-700