WRD Ex.. (GW)
April 1966

Well No. D 18 ✓

WELL SCHEDULE

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

FUNC D and VERIFIED
RO LAC APOTATION BRANCH

MASTER CARD

Record by J.A. Callahan [E.H. Boswell 12-12-56] Source of data [Owner] Date 12-20-67 Map Lauderdale

State Miss [2 8] County (or town) Lauderdale [3 3]

Latitude: [3 2 3 1 1 4 N] N S Longitude: [0 8 8 3 0 1 8] Sequential number: [1]

Lat-long accuracy: [3] T. 8 (N) S, R 18 (E) W, Sec 24, NW ¼, SW ¼, ___ ¼ ___ B & M

Local well number: [D 0 1 8 B C 2 4 0 8 N 1 8 E] Other number: ___

Local use: [0 5 5] Owner or name: G.M. Clark

Owner or name: [G M C L A R K] Address: Lauderdale

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, **(H) Dom** (circled), (I) Irr, (J) Med, (K) Ind, P S, R...,
(S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [H]

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** (circled), (X) Waste, (Z) Destroyed [W]

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

Hyd. lab. data: ___ [ ]

Qual. water data; type: ___ [ ]

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

Aperture cards: ___ yes [ ]

Log data: ___ [ ]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 80 ft [8 0] Meas. rept. Rept accuracy [6]

Depth cased: (first perf.) 60 ft [6 0] Casing type: steel ; Diam. 4 in [4]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., **(S) screen** (circled), (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** (circled), (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: ___ [ ] Pump intake setting: ___ ft [ ]

Driller: ___ name, ___ address

Lift (type): (A) air, (B) bucket, (C) cent, **(J) jet** (circled), (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [J] Deep Shallow [ ]

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

Descrip. MP ___ ft above below LSD. Alt. MP ___

Alt. LSD: 220 [2 2 0] Accuracy: (source) C L 20 [5]

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

Date meas: ___ [ ] Yield: ___ gpm [ ] Method determined [ ]

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

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

Sp. Conduct ___ K x 10[6] [ ] Temp. ___ °F [ ] Date sampled ___ [ ]

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: 123K (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) 5

MAJOR AQUIFER: Tertiary (system), Eocene (series) TE (28–29) Lower Wilcox (aquifer, formation, group) LW (30–31)

Lithology: Sand US (32–33) Origin: _____ 2 (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: _____

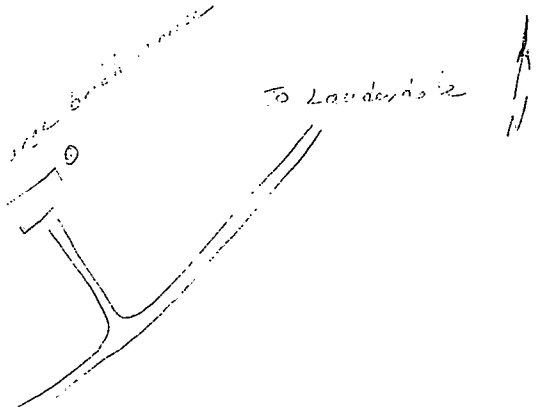
Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

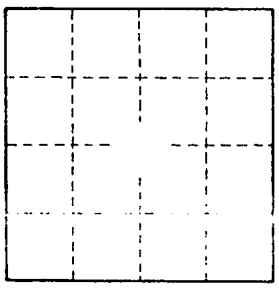
Depth to basement: _____ ft (65–68) Source of data: _____ (69)

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)





GPO 857-700