WRD Exp. (GW)
April 1966

Well No. D25 ✓

WELL SCHEDULE

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

UNCHECKED VERIFIED LA ON BRANCH

MASTER CARD

Record by J.D. Callahan (E.H. Boswell 5/17/57) Source of data Driller Date 10-20-67 Map Lauderdale

State Miss [2 8] County (or town) Lauderdale [7 5]

Latitude: [3 2 3 3 1 9 N] Longitude: [0 8 8 3 5 0 6] Sequential number: [1]

Lat-long accuracy: [2] T. , S, R , W, Sec

Local well number: [D 0 2 5 D B ...] Other number: Test Well #6

Local use: [0 6 4 ... 5 5 7 ... 5 1] Owner or name: Meridian NAAS

Owner or name: [U S NAVY] Address:

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

Use of water: (A) Air cond, (B) Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [Z]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test (circled), (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [T]

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

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

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

Aperture cards: yes [ ]

Log data: Drillers log [D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 210 ft [2 1 0] Meas. rept: Rept accuracy [6]

Depth cased: (first perf.) ft [1 9 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 [ ]

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: 5-1-57 [5 7] Pump intake setting: ft [ ]

Driller: Layne Central Co, Jackson Miss

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 (circled), (Z) other [T] Deep Shallow [ ]

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

Description MP ft above below LSD . Alt. MP

Alt. LSD: 296 [2 9 6] Accuracy: (source) Est [7]

Water Level -48 ft above below MP; Ft above below (circled) LSD [4 8] Accuracy: Rept [6]

Date meas. 5-18-57 [5 5 7] Yield: 66 gpm [6 6] Method determined [4]

Drawdown: ft [ ] Accuracy: [ ] Pumping period hrs [2 4]

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

Sp. Conduct K x 10[6] [ ] Temp. 65 °F [6 6] Date sampled [5 5 7]

Taste, color, etc. Fe

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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: 13K (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) H

MAJOR AQUIFER: Tertiary system, Eocene series, [ ] (28–29) Sand, Alluvium aquifer, formation, group [ ] (30–31)

Lithology: Sand [ ] (32–33) Origin: [ ] (34) Aquifer Thickness: _____ ft

[1 0 0] (35–37) Length of well open to: _____ ft [2 0] (38–40) Depth to top of: _____ ft [1 1 6] (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: _____ [ ] (60–63) Source of data: _____ [ ] (64)

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

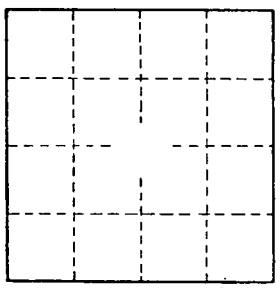
Surficial material: _____ [ ] (70–71) Infiltration characteristics: _____ [ ] (72)

Coefficient Trans: 76,000 gpd/ft [7 6 3] (73–75) Coefficient Storage: 1.6×10^{-5} [2 0 6] (76–78)

Coefficient Perm: 760 gpd/ft^2; Spec cap: 5.1 gpm/ft; Number of geologic cards: _____ (79)

Top 1 Dan Lay Sand 1000 feet

Top soil	1
Clay	28
Clay, Sandy	45
Sand, Silty, Clay	
Clay	84
Sand, Silty, Clay	111
Clay	116
Sand, brown, fine	162
Sand, Grey, fine	217
Clay	252



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GPO 857-700