WRD Exp. (GW)
April 1966

Well No. 141

WELL SCHEDULE

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

MASTER CARD

Record by J. A. Callahan   Source of data   Date 10-20-67   Map

State   28   County (or town) Lauderdale   38

Latitude: 322557N   Longitude: 0884011   Sequential number: 1

Lat-long accuracy: 3   T. 7 N, R 16 E, Sec 21, NW ¼

Local well number: A001 BC21 07N16E   Other number:

Local use: 055   Owner or name: Middleton Attendance Center

Owner or name: MIDDLETON AT. CK   Address: Meridian

(C) (F) (M) (N) (P) (S) (W) ... Govt, ... State Agency, Water Dist

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 — 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.:   Field aquifer char.

Hyd. lab. data: ~~MSBON Partial 9-1-61~~

Qual. water data; type: C

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

Aperture cards: yes

Log data: Partial Drillers (09)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD   Depth well: 478 ft 478   Meas. rept: rept   accuracy 6

Depth cased: (first perf.) 428 ft 428   Casing type: Steel; Diam. 6 in 6

Finish: (C) porous, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — S

Method Drilled: (A) air, (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

Date Drilled: 959   Pump intake setting: ft

Driller: name, address Meridian

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 — D

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

Descrip. MP   ft above below LSD. Alt. MP

Alt. LSD: 430   430   Accuracy: (source)   E

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 4.5 ppm   Sulfate ppm   Chloride ppm   Hard. ppm

Sp. Conduct 275 K x 10^6 2   Temp. 70 °F 70   Date sampled D67

Taste, color, etc. Field pH = 6.3 CO_2: 11

Well No. H1

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: 13P (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 S (27)

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

Lithology: Sand VS (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)

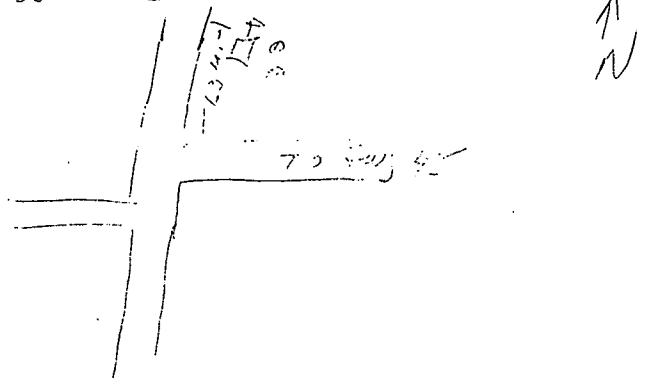
Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: (79)

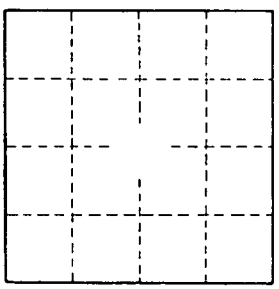
392-412 Fine Sand

413 424 Peat

424 435 Sandy Sand

435 - 478 Coarse Sand





GPO 857-700