FORM 9-1642
(1-68)

Well No. M23

WELL SCHEDULE

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

MASTER CARD WTR

Record by JAC Source of data A.S. DUNAWAY Date 6/64 Map

State Miss [28] County (or town) HARRISON [24]

Latitude: [30 26 11 N] (deg min sec) Longitude: [089 01 48] (degrees min sec) Sequential number: [1]

Lat-long accuracy: [3] T. 7 (S) R 10 (W) Sec 18, ¼, SE ¼, NW ¼ B & M

Local well number: [M023 DB 1801 5 10 W] Other number:

Local use: [064 D64 14] Owner or name: Handsboro

Owner or name: [MISS POWER CO] Address: Handsboro

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

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

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.: [I] Field aquifer char. [Y]

Hyd. lab. data: [ ]

Qual. water data; type: USGS [C]

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

Aperture cards: yes [ ]

Log data: [D] 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: [ ] ft [755] Meas. rept [ ] [6]

Depth cased; (first perf.) [ ] ft [695] Casing type: [ ]; Diam. 24x16x10 in accuracy [24] [30]

Finish: (C) porous concrete, (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 [G]

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]

Date Drilled: [956] Pump intake setting: [ ] ft [80]

Driller: Layne (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 [T] Deep / Shallow [ ]

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

Descrip. MP [ ] ft above / below LSD, Alt. MP [ ]

Alt. LSD: [17] Accuracy: (source) topo [3]

Water Level [ ] ft above / below MP; Ft above / below LSD [+9] Accuracy: [A]

Date meas: [968] Yield: [350] gpm Method determined [ ]

Drawdown: [ ] ft Accuracy: [ ] Pumping period [7] hrs

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

Sp. Conduct 305 K x 10^6 [3] Temp. 79 °F [79] Date sampled [D64]

Taste, color, etc.

Well No.

Well No. M23

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: 135 (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)

MAJOR AQUIFER: system, series TM (28–29) aquifer, formation, group MZ (30–31)

Lithology: US (32–33) Origin: 3 (34) Aquifer Thickness: 87 ft

87 (35–37) Length of well open to: ft 60 (38–40) Depth to top of: ft 678 (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)

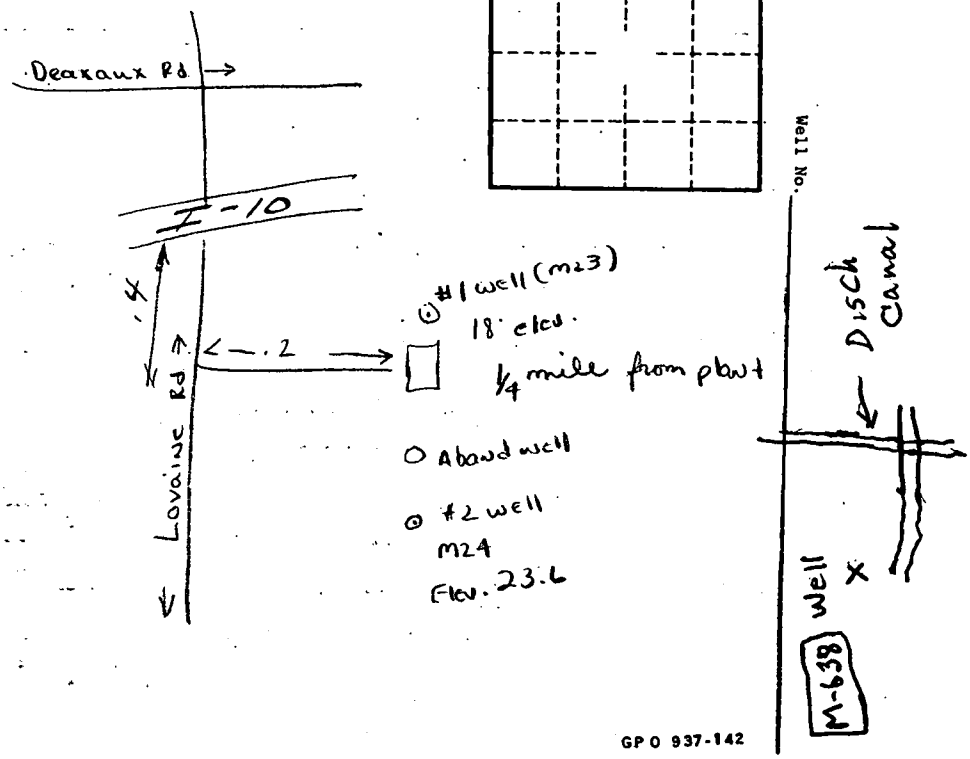
Coefficient Trans: 112,000 gpd/ft 114 (73–75) Coefficient Storage: .00037 405 (76–78)

Coefficient Perm: 1250 gpd/ft²; Spec. cap: 14.3 gpm/ft; Number of geologic cards: (79)

(WL = +9 12/64)

0-10 - Sdy clay
10-41 - Clay
41-80 - Sd
80-100 - Sd & Clay
100-120 - Sd, gravel & shell
120-250 Clay
250-551 Sdy Clay Shale
551-678 - Shale
678-693 Fine sand
693-716 Sd
716-738 Sd
738-765 Sd
765-767 - Shale

10/28/82
pH: 9.1
cond: 375
temp: 27°



GPO 937-142