FORM 9-1642
(1-68)

Well No. 138

WELL SCHEDULE

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

TRANSMITTED FOR ADP

MASTER CARD

Record by E.J. HARVEY Source of data Mr Edson Mr Arbogast Date 11/12/53 12/2/70 Map

State JAC 28 County (or town) 67

Latitude: 33 56 05 N S (deg 7 min 9 sec 11) Longitude: 090 32 13 (12 degrees 15 min sec 18) Sequential number: 1 19

Lat-long accuracy: 3 20 T 24 N S, R 3 E W Sec 20, NW ¼, SW ¼, ¼, ¼

Local well number: B008BC2024N03W (21–34) Other number: Layne #6 B & M

Local use: (35–51) Owner or name: MISS STATE PEN

Owner or name: PARCHMAN (52–66) Address: Camp #10 Wk 11

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist 67 S

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Ind, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Z) Desal-other, Other 68 I

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. 69 W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: yes no, period: 76

Aperture cards: yes 77

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1–19) Depth well: ft 124 (20–23) Meas. rept accuracy 24 6

Depth cased (first perf.): ft 74 (25–28) Casing type: ; Diam. 16x12 in 16 (29–30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other 31 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 32 H

Date Drilled: 11/1953 (33–35) Pump intake setting: ft (36–38)

Driller: Layne Central name, Cleveland Miss 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 39 T Deep Shallow 40

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 50 41 V Trans. or meter no.

Descrip. MP MP Top of Casing 2 ft above below LSD, Alt. MP

Alt. LSD: (42–45) Accuracy (source): CF5 47 3

Water Level 20.70 ft above below MP; Ft above below LSD (48–51) Accuracy: 52 A

Date meas: 11/12/53 53 N53 55 Yield: gpm (56–60) Method determined 61

Drawdown: ft (62–64) Accuracy: 65 Pumping period hrs (66–68)

QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct K x 10⁶ 73 Temp. °F (74–76) Date sampled (77–79)

Taste, color, etc. Fe

Well No. B8

Well No. 38

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:

E (22) Drainage Basin: 154 (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 QG (28–29) aquifer, formation, group MA (30–31)

Lithology: S (32–33) Origin: 2 (34) Aquifer Thickness: ft

(35–37) Length of well open to: ft 50 (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 4 (54–56) Depth to top of: ft (57–59)

Intervals Screened:

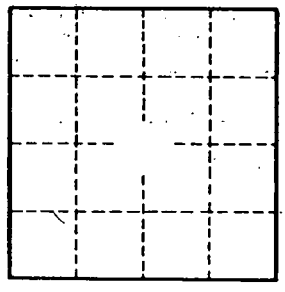
Depth to consolidated rock: ft (60–63) Source of data: (64)

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)



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GPO 937-142