FORM 9-1642
(1-68)

Well No. G-33

WELL SCHEDULE

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

MASTER CARD

Record by J. Monroe Source of data BOWC Date 9-71 Map

State 28 (2) County (or town) FORREST 18

Latitude: 31 13 13 N (deg 7 min 9 sec 11) Longitude: 089 08 50 (12 degrees 15 min sec 18) Sequential number: 1

Lat-long accuracy: 3 (20) T. 3 N, R. 12 W Sec. 13, NE¼, NE¼, SE¼ NENE (19)

Local well number: G033ACI303N12W (24 25 30 34) Other number: B & M Bethesda Girls Home

Local use: 161 (35 40 45 51) Owner or name: Rolloffe Enterprise

Owner or name: ROLOFFE ENTERP. (52 56 61 66) Address: Hattiesburg

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

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 — H (68)

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 (69)

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: D (78 79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1 19) Depth well: ft 215 (20 23) Meas. rept accuracy 3 (24)

Depth cased; (first perf.) ft 206 (25 28) Casing type: PLC; Diam. in 4 (29 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 — S (31)

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 (32)

Date Drilled: 9 71 (33 35) Pump intake setting: ft (36 38)

Driller: Sumrall's Drlg. Ser. (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 — S (39) Deep / Shallow (40)

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 1½ — T (41) Trans. or meter no.

Descrip. MP 115 ft above/below LSD, Alt. MP

Alt. LSD: 100 (42 45) Accuracy: (source) TOPO 10' CONTOUR (47) 4

Water Level FLOWS! ft above/below MP; Ft above/below LSD F (48 51) Accuracy: (52) D

Date meas: 7 71 (53 55) Yield: 48 gpm (56 60) Method determined (61)

Drawdown: ft (62 64) Accuracy: (63) 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 10^6 (73) Temp. °F (74 76) Date sampled (77 79)

Well No. G-33

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: 130 (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 HA (30–31)

Lithology: US (32–33) Origin: 3 (34) Aquifer Thickness: 86 ft

(35–37) Length of well open to: ____ ft (38–40) 75 Depth to top of: ____ ft 129 (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: 4 in Plc. .008

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

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

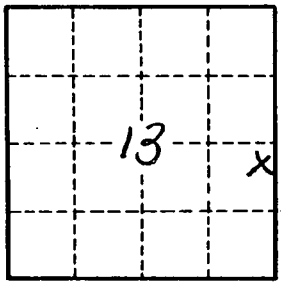
Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: ____ gpd/ft (73–75) Coefficient Storage: (76–78)

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

1000 gal tank

0-12 Sand
12-19 gravel
Stks sd + Clay
22-30 Sd + gravel
30-55 F Sd
55-58 Sdy Clay
58-64 F Sd.
64-68 B Clay
68-72 gravel sd
72-82 Pea gr. Sd
93-92 B Clay
92-101½ "
101-112 Stks Sd + Clay
112-125 Sdy F Clay
125-128 F Sd
128-129½ S Clay
129½-134 F Sd
134-145 Stks Sd + Clay
145-190 Grad Sd
190-215 pea gr. Sd
216-219 rotten log
219-227 pea Sd
227-231 rotten log



Well No. G-1 W W

GPO 937-142