SITE ID-344700089440901 Well No. H 21

FORM 9-1642
(1-68)

WELL SCHEDULE

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

31c

PUNCHED

MASTER CARD

Record by J.S. Source of data BOWC Date 6/70 Map

State 28 (2) County (or town) Marshall 47 (5)

Latitude: 34 deg 47 min 00 sec N (11) Longitude: 089 deg 44 min 09 sec (18) W Sequential number: 1 (19)

Lat-long accuracy: 3 (20) T N S, R E W, Sec 34, ¼, ¼, ¼ B & M

Local well number: H02 1BB 3403S05W (34) Other number:

Local use: (40) (45) (51) Owner or name:

Owner or name: PERRY HUGHES (66) Address: Byhalia

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist P (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: Ø (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 (19) Depth well: ft 141 (23) Meas. rept accuracy 3 (24)

Depth cased: (first perf.) ft 135 (28) Casing type: Pl. ; Diam. in 2 (30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) 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: 970 (36) Pump intake setting: ft (38)

Driller: Earl Jones.

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.) name, (M) multiple, (turb.) address, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other (39) Deep Shallow (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 3/4 S (41) Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: (45) Accuracy: (source) (47)

Water Level 90 ft above below MP; Ft above below LSD 90 (51) Accuracy: D (52)

Date meas: 570 (55) Yield: 3½ gpm (60) Method determined (61)

Drawdown: ft (64) Accuracy: (65) Pumping period hrs (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 (76) Date sampled (79)

Taste, color, etc.

Well No. H 21

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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: _____ (20–21) 03 Section: _____

(22) D Drainage Basin: _____ (23–25) 15E 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 (28–29) _____ aquifer, formation, group (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: 66 ft

(35–37) Length of well open to: _____ ft (38–40) 60 Depth to top of: _____ ft (41–43) 75

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: 24" Plastic & Gravel

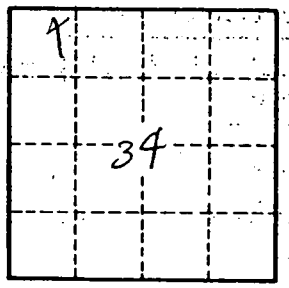
Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

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