FORM 9-1642
(1-68)

Well No. D 5

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by J. Shell Source of data Bowc Date 3/69 Map

State 28 (1-2) County (or town) Tallahatchie 68 (3-4)

Latitude: 34 deg 00 min 18 sec N (5-11) Longitude: 090 deg 15 min 57 sec (12-18) Sequential number: 1 (19)

Lat-long accuracy: 5 (20) T. 25 S, R. 1 E Sec 26, ¼, NW ¼, SE ¼ B & M

Local well number: D 005 B D 26 25 N 01 W (21-34) Other number:

Local use: 068 (35-51) Owner or name:

Owner or name: T B ABBEY (52-66) Address: Sumner, Miss

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 (1-19) Depth well: ft 724 (20-23) Meas. rept accuracy 3 (24)

Depth cased: (first perf.) ft 694 (25-28) Casing type: ; Diam. 4X2½in 4 (29-30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open end, (Ø) open gallery, (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 6 9 (33-35) Pump intake setting: ft (36-38)

Driller: 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 — N (39) Deep / Shallow (40)

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

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

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

Water Level + 26 ft above/below MP; Ft. above/below LSD + 26 (48-51) Accuracy: D (52)

Date meas: 3 6 9 (53-55) Yield: gpm 20 (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 10^6 (73) Temp. °F (74-76) Date sampled (77-79)

Taste, color, etc.

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Latitude-longitude ____ d ____ m ____ s N/S ____ d ____ m ____ s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: ____ 03 (20–21) Section: ____

D (22) Drainage Basin: ____ 15F (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 TE (28–29) ____ aquifer, formation, group MW (30–31)

Lithology: ____ S (32–33) Origin: ____ 2 (34) Aquifer Thickness: 79 ft

(35–37) Length of well open to: ____ ft 30 (38–40) Depth to top of: ____ ft 652 (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: 2½" Dia. SS.

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

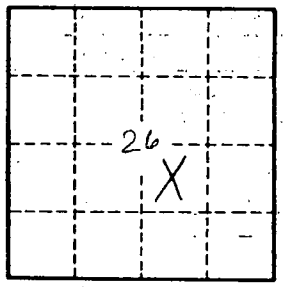
Depth to basement: ____ ft. (65–68) Source of data: ____ (69)

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)

description of formations encountered	from	to
Clay BODED	0	18
Sand.	18	86 4
Sand & Pea Gravel	86 4	144
Clay.	144	175
Sand & Lignite	175	192
Clay	192	269
Sand & Lignite	259	302
Clay.	302	350
Rock	350	358
Clay & Rock Streaks	358	385
Clay	385	414
7" Rock	414	414 7
Clay	414 7	420 9
6" Rock	420 9	421 3
Clay	421 3	460
8" Rock	460	460 8
Clay.	460 8	652
Medium Sand	652	731



Well No. D5

GPO 937-142