WRD Exp. (GW)
April 1966

Well No. B 27

WELL SCHEDULE

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

94C ✓

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by: J.S. | Source of data: [illegible] | Date: [illegible] | Map: Troy ~~#4~~

State: 35 [28] | County (or town): [illegible] [07]

Latitude: 34 00 27 N | Longitude: 088 59 48 | 21 | Sequential number: 1

Lat-long accuracy: 5 | T. 12 (S) R. 3 (E) Sec 28, SE ¼, SW ¼, SW ¼ NE | B & M

Local well number: B027 28/12S03E | Other number:

Local use: 139 | Owner or name:

Owner or name: HOUSTON DAIRY | Address: [illegible]

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

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 ? — ~~N~~ S

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.: Ø | Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: | Pumpage inventory: yes no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 1093 ft | Meas. rept accuracy

Depth cased: (first perf.) 1033 ft | Casing type: ; Diam. 6 in

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

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: 9 64 | Pump intake setting: ft

Driller: Sam Smith (name), Houston, 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 | Deep Shallow

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

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

Alt. LSD: — 436 | Accuracy: (source)

Water Level: 256 ft above below MP; Ft above (below) LSD 250 | Accuracy: D

Date meas: 9 64 | Yield: gpm | Method determined

Drawdown: ft | Accuracy: | Pumping period hrs

QUALITY OF WATER DATA: Iron ppm | Sulfate ppm | Chloride ppm | Hard. ppm

Sp. Conduct $K \times 10^6$ | Temp. °F | Date sampled

Taste, color, etc.

Well No. B 27

5/12/92
320.00
7.20
312.80
1.60 mp
311.20

approximate — hard to read tape — lots of rust
JC

Well No. B 27

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: ____ 13E (23–25) Subbasin: ____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat ____ (27)

MAJOR AQUIFER: ____ system, ____ series K3 (28–29) ____ aquifer, formation, group EZ (30–31)

Lithology: ____ US (32–33) Origin: ____ 6 (34) Aquifer Thickness: 150 ft

(35–37) Length of well open to: ____ ft EO (38–40) Depth to top of: ____ ft 950 (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: 60' x 3"

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

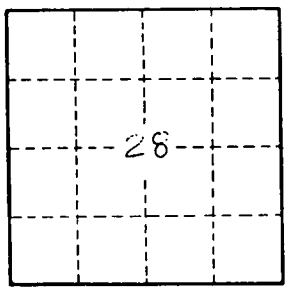
Depth to basement: ____ ft (65–68) Source of data: ____ (69)

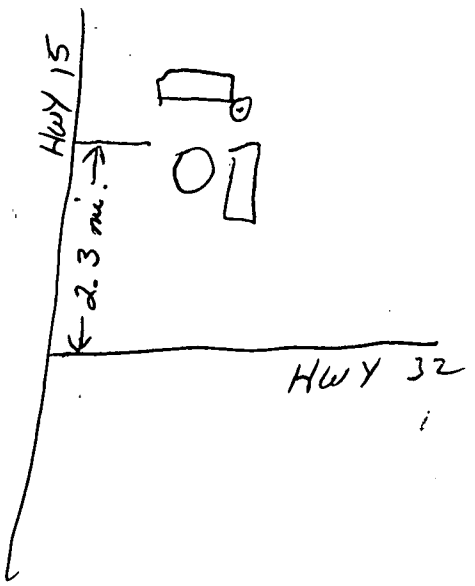
Surficial material: ____ (70–71) Infiltration characteristics: ____ (72)

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

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

Clay 0-30
Blk sh & blue clay 30-150
White clay 450-900
Blk sd 900-950
Eutaw Fm 950-1100





Well No. B 27

GPO 857-700

WRD Exp. (GW)
April 1966

Well No. 27

WELL SCHEDULE

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

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J. C. Source of data ___ Date ___ Map Troy 94C ~~#4~~

State 35 | 28 County (or town) ___ | 97

Latitude: 34 00 27 N Longitude: 088 59 48 21 Sequential number: 1

Lat-long accuracy: 5 T. 12 S R. 3 E, Sec 28, SE ¼, SW ¼, SW ¼ NE B & M

Local well number: B027 28/12 S03E Other number:

Local use: 139 Owner or name:

Owner or name: HOUSTON DAIRY Address:

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

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 ? — ~~N~~ S

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

DATA AVAILABLE: Well data ___ Freq. W/L meas.: ___ Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: ___ Pumpage inventory: yes no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: ___ ft 1093 Meas. rept accuracy

Depth cased: (first perf.) ___ ft 1033 Casing type: ___; Diam. ___ in 6

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

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: 9 64 Pump intake setting: ___ ft

Driller: Sam Smith (name), Houston, 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 — Deep Shallow

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

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

Alt. LSD: — 436 Accuracy: (source)

Water Level 250 ft above below MP; Ft above (below) LSD 250 Accuracy: D

Date meas. 9 64 Yield: ___ gpm Method determined

Drawdown: ___ ft Accuracy: ___ Pumping period ___ hrs

QUALITY OF WATER DATA: Iron ___ ppm Sulfate ___ ppm Chloride ___ ppm Hard. ___ ppm

Sp. Conduct ___ K x 10^6 Temp. ___ °F Date sampled

Taste, color, etc.

5/12/92

320.00
7.20
312.80
1.60 mp
311.20

approximate - hard to read tape - lots of rust
JC

Well No. 27

Well No. E 27

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19)

Physiographic Province: ______ [0|3] (20–21) Section: ______

[D] (22) Drainage Basin: ______ [1|3|E] (23–25) Subbasin: ______ [ ] (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat ______ [ ] (27)

MAJOR AQUIFER: ______ system, ______ series [K|3] (28–29) ______ aquifer, formation, group [E|Z] (30–31)

Lithology: ______ [U|S] (32–33) Origin: ______ [6] (34) Aquifer Thickness: 150 ft

[| |] (35–37) Length of well open to: ______ ft [|6|0] (38–40) Depth to top of: ______ ft [9|5|0] (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: 60' x 3"

Depth to consolidated rock: ______ ft [| | |] (60–63) Source of data: ______ [ ] (64)

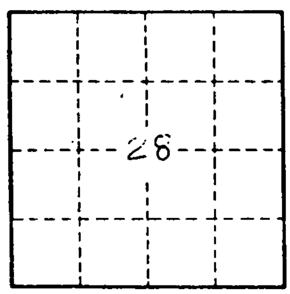
Depth to basement: ______ ft [| | |] (65–68) Source of data: ______ [ ] (69)

Surficial material: ______ [|] (70–71) Infiltration characteristics: ______ [ ] (72)

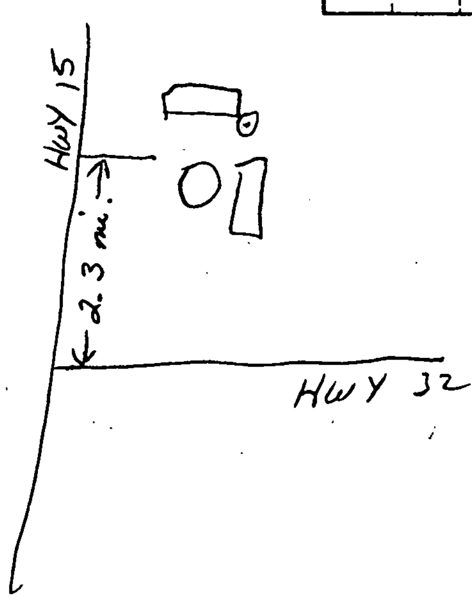
Coefficient Trans: ______ gpd/ft [| |] (73–75) Coefficient Storage: ______ [| |] (76–78)

Coefficient Perm: ______ gpd/ft^2; Spec cap: ______ gpm/ft; Number of geologic cards: ______ [ ] (79)

Clay	0 - 30
Blk sh & blue clay	30 - 150
White clay	150 - 900
Blk sd	900 - 950
Eutaw sn	950 - 1100



C anr



Well No. E 27

GPO 857-700

Chickasaw
527
9-64

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

[redacted] CODED

Date: Sept, 1964, Driller: Sam Smith (Name) County Chick.

(1) Owner of Land: Houston Farms [redacted] (Name)

Houston Miss DAIRY (Address)

(2) Location: ___¼, ___¼, Sec. 28 T 12S R 3E,

7 miles (distance) North (direction) of Houston (Nearest Town),

(3) Topography: ✓ (Hilly) (Flat) (Level)

(4) Purpose of Well: ~~Industrial~~ (Domestic Irrigation Municipal Industrial Other) STOCK

Information upon completion of well:

(1) Diameter 6 inches.

(2) Total Depth 1093 feet.

(3) Water Level 250 feet below top of ground.

(4) Cased to 504, Size 6",

(5) Screen: Size 3", Length 60'.

(6) Were any formations sealed against pollution?

✓ yes, ___ no.

If YES depth of formation 0-150,

Why ___

Drillers Remarks: ___

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thickness Feet	Depth Feet
[redacted]		
0-30 Clay		
30-150 - Blk. Sh. + Blue Clay		
150-900 White [redacted] Y		
900-950 Blk Sd.		
950-1100 Utah Sd.		
CANNOT		
FARM		
Locate		
-E-		

JUN 3 1965
MISS BOARD OF WATER COMM.

(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss