WRD Exp. (GW)
April 1966

Well No. 4W

E log #44

WELL SCHEDULE

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

MASTER CARD

Record by P. E. Grantham Source of data Drlr & Obs Date 7-19-63 Map Tralake

State Mississippi [2 8] County (or town) Washington [7 6]

Latitude: [3 3 2 1 1 1 N] (deg, min, sec) Longitude: [0 9 0 4 7 5 7] (degrees, min, sec) Sequential number: [2]

Lat-long accuracy: [2] T. 17 N, R 6 W, Sec 3, NE ¼, SE ¼, NE ¼ B & M

Local well number: [J 0 1 3 D A 0 3 1 7 N 0 6 W] Other number: #1

Local use: [ ] Owner or name: John Dean (Dean & Co.)?

Owner or name: [J O H N D E A N] Address: Tribbett

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

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 several houses [P]

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.: [O] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: [ ] Pumpage inventory: yes no, period: [ ]

Aperture cards: yes [ ]

Log data: Drillers log 0-408 ft, E log 6-405 [D E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well 408' ft [3 8 0] Meas / **Rept** accuracy [3]

Depth cased (first perf.) ft [3 7 0] Casing type: ; Diam. 4, 2½ in [4]

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: 7-63 [9 6 3] Pump intake setting: ft [ ]

Driller: Delta Drlg Co (name), Greenwood (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] Deep / Shallow [D]

Power (type): diesel, **elec**, nat gas, gasoline, hand, LP gas, wind; H.P. [5] Trans. or meter no.

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

Alt. LSD: 110 [1 1 0] Accuracy (source): topo [3]

Water Level 29 ft above/below MP; Ft above/below LSD [2 9] Accuracy: Reported [D]

Date meas: 7-27-63 [7 6 3] Yield: gpm [ ] Method determined [ ]

Drawdown: ft [ ] Accuracy: [ ] Pumping period hrs [ ]

QUALITY OF WATER DATA: Iron ppm [ ] Sulfate ppm [ ] Chloride ppm [ ] Hard. ppm [ ]

Sp. Conduc: K x 10^6 [ ] Temp. °F [ ] Date sampled [ ]

Taste, color, etc.

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Latitude-longitude N S d m s d m s

ROGEOLOGIC CARD

ME AS ON MASTER CARD (19) Physiographic Province: Coastal Plain (20-21) 03 Section: Miss. River

l plain (22) E Drainage Basin: (23-25) 15H Subbasin: (26)

of 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) V

R FER: Tertiary system, Eocene series (28-29) TE Cockfield aquifer, formation, group (30-31) CΦ

ology: unconsolidated sand (32-33) 45 Origin: Deltaic (34) 3 Aquifer Thickness: 12 ft

(35-37) 12 Length of well open to: 10 ft (38-40) 10 Depth to top of: ft (41-43) 366

R FER: Quaternary system, Pleistocene series (44-45) Miss. River alluvium aquifer, formation, group (46-47)

ology: sand-gravel alluvium (48-49) Origin: Fluvial (50) Aquifer Thickness: 111 ft

(51-53) Length of well open to: 0 ft (54-56) Depth to top of: 10 ft (57-59)

rvals ened: 370-380 ft 10' x 2½" = 0.012 ga screen

h to olidated rock: ft (60-63) Source of data: (64)

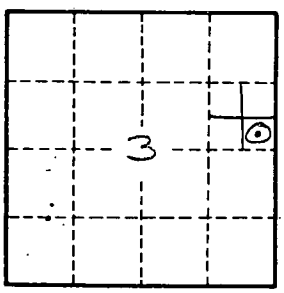
h to ment: ft (65-68) Source of data: (69)

icial rial: (70-71) Infiltration characteristics: (72)

ficient s: gpd/ft (73-75) Coefficient Storage: (76-78)

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

0-70 Red Jacket Deep Well Submersible pump w/1000 gal steel pressure tank set on well

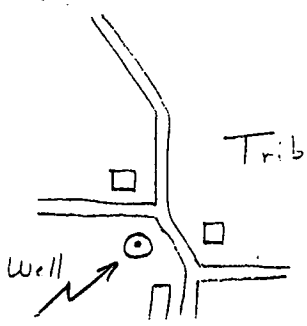


- 10 Gumbo
- 101 Sand Alluvium
- 123 Gravel (E-log 8-119)

- 205 Gumbo
- 266 Shale
- 347 Gumbo
- 369 Shale
- 381 Sand (Elog 366-378)
- 408 Shale

68 - unable to obtain WL

105 ft of 4" pipe (must be some over hp)
293 2½ pipe
10 2½ screen
28 2½ tailpipe



GPO 857-700

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