WRD Exp. (GW)
April 1966

Well No. T46

WELL SCHEDULE

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

MASTER CARD

Record by P.E. Grantham Source of data Bul 56 Date Map

State Mississippi 2 8 (1–2) County (or town) Wilkinson 1 9 (3–4)

Latitude: 3 1 0 3 2 9 N (5 deg, 7 min, 9 sec; N S) Longitude: 0 9 1 0 4 5 5 (12 degrees, 15 min, sec 18) Sequential number: 1 (19)

Lat-long accuracy: 4 (20) T. 1 (N) S, R 1 (E) W, Sec. irreg. 24 , ¼, ¼, ¼ B & M

Local well number: T 0 4 6 2 4 0 1 N 0 1 E (21, 25, 30, 34) Other number: Pumping Sta. 9

Local use: 0 6 4 2 4 3 1 1 (35, 40, 45, 51) Owner or name: U.S. Army

Owner or name: U S ARMY (52, 56, 61, 66) Address: Camp Van Dorn

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

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 68 U

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 69 U

DATA AVAILABLE: Well data (70) Freq. W/L meas.: 0 (71) Field aquifer char. 72 Z

Hyd. lab. data: 73

Qual. water data; type: USGS 1943 74 C

Freq. sampling: 0 (75) Pumpage inventory: yes no, period: 76

Aperture cards: yes 77

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1–19) Depth well: 838 ft 8 3 8 (20–23) Meas. rept accuracy 24 3

Depth cased: (first perf.) 778 ft 7 7 8 (25–28) Casing type: ; Diam. 12(?) in 1 2 (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 60 31 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 32 H

Date Drilled: 1942 9 4 2 (33–35) Pump intake setting: ft (36–38)

Driller: Layne Central (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 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: 3 8 3 (42–45) Accuracy: (source) 47 3

Water Level ft above below MP; Ft above below LSD 2 2 5 (48–51) Accuracy: 52 A

Date meas.: 4 3 (53–55) Yield: gpm 3 9 0 (56–60) Method determined 4

Drawdown: ft (62–64) Accuracy: 65 Pumping period hrs 9 6 (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.

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

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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: ___ | 0 3 (20–21) | Section: ___

D (22) | Drainage Basin: ___ | 1 4 G (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 | T M (28–29) | ___ aquifer, formation, group | M Z (30–31)

Lithology: ___ | U S (32–33) | Origin: ___ | 3 (34) | Aquifer Thickness: ___ ft

8 0 (35–37) | Length of well open to: ___ ft | 6 0 (38–40) | Depth to top of: ___ ft | (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'

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: 99,000 gpd/ft | 9 9 3 (73–75) | Coefficient Storage: ___ | (76–78)

Coefficient Perm: 1,200 gpd/ft^2; Spec cap: 10.7 gpm/ft; Number of geologic cards: ___ | (79)

290' W + 270' N. Inter. 1st Av. + 18th St.

Well No. T46

GPO 857-700