

Well No.

T44

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

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

State Mississippi County Wilkinson Sequential number: 1

Latitude: 31° 03' 41" N Longitude: 091° 04' 06" W

Lat-long accuracy: 30' T. 1 S, R. 1 W, Sec. 18, NE 1/4, SW 1/4

Local well number: T044AC1801N01E Other number: Pumping Sta #4

Local use: 064 Owner or name: U.S. Army

Owner or name: U.S. ARMY Address: _____

Ownership: County, Fed Govt, City, Corp or Co, Private, State Agency, Water Dist _____

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, _____

water: (S) (T) (U) (V) (W) (X) (Y) (Z) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____

Use of (A) (D) (G) (H) (O) (P) (R) (T) (U) (W) (X) (Z) _____

well: Anode, Drain, Seismic, Heat Res, Oks, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed _____

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

Hyd. lab. data: _____

Qual. water data; type: USGS 1943

Freq. sampling: □ Pumpage inventory: yes no, period: _____

Aperture cards: _____

Log data: _____

SAME AS ON MASTER CARD

Depth well: 423 ft Casing 423 accuracy 24 3

Depth cased; 363 ft 363 type: ; Diam. 12 in 12

Finish: (C) porous (F) gravel w. (G) horiz. (H) open (P) (S) (T) (W) (X) (Z) S
(concrete, (perf.)), (screen), gallery, end, perf., screen, sd. pt., shored, open hole, other

Method (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) H
Drilled: air bored, cable, dug, hyd jettad, air reverse trenching, driven, drive wash, other

Date 1942 942 Pump intake setting: ft 36 38

Driller: Layne Central name (L) (M) address Deep 39 Shallow 40

Life (A) (B) (C) (J) multiple, multiple, (N) (P) (S) (T) (Z) Trans. or
(type): air, bucket, cent, jet, (cent.) none, piston, rot, submerg, turb, other meter no.

Power nat LP
(type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 41

Descrip. MP above ft below LSD . Alt. MP 47 3

Alt. LSD: 357 357 Accuracy: (source) 47 3

Water Level -139.32 ft above below MP; Ft below LSD 139 Accuracy: 52 A

Date 43 43 Yield: gpm 56 Pumping period 60 Method determined 61

Drawdown: ft 62 64 Accuracy: 65 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 243 77 79

Taste, color, etc.

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH
1 ☐ ☐

ON T 1:30M

Well No.

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Latitude-longitude

N
S

d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic
Province:

03

Section:

D

Drainage
Basin:

14G

Subbasin:

26

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

MAJOR

AQUIFER:

system

series

TM

aquifer, formation, group

M2

Lithology:

US

Origin:

3

Aquifer

Thickness:

ft

Length of
well open to:

ft

60

Depth to
top of:

ft

MINOR

AQUIFER:

system

series

aquifer, formation, group

Lithology:

Origin:

Aquifer

Thickness:

ft

Length of
well open to:

ft

Depth to
top of:

ft

Intervals
Screened:Depth to
consolidated rock:

ft

Source of data:

Depth to
basement:

ft

Source of data:

Surficial
material:Infiltration
characteristics:

Coefficient

Trans:

40,000

gpd/ft

403

Coefficient

Storage:

0.0004

Coefficient

Perm:

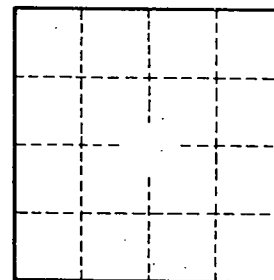
400

gpd/ft²

Spec cap:

gpm/ft; Number of geologic cards:

300' E 100' S intersection
 12th + 15th Av.



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