WRD Exp. (GW)
April 1966

Well No. F25

E Log 19

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

WELL SCHEDULE

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

MASTER CARD

Record by P.E. Grantham Source of data MSGS MBOWC Date 1-3-66 Map

State Mississippi 28 County (or town) Montgomery 49

Latitude: 33 30 49 N Longitude: 089 44 26 Sequential number: 2

Lat-long accuracy: 3 T. 19 N, R 5 E, Sec 14, NE ¼, NW ¼, ¼ B & M

Local well number: F025AB1419N05E Other number:

#1 Local use: 064019 172 90 Owner or name: Mont. Co. N. Dist. #1 Wtr. Assoc

Owner or name: ~~MONTGOMERY W A~~ Address:

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

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 — 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.: Ø Field aquifer char. ~~Z~~

Hyd. lab. data: [ ]

Qual. water data; type: MSBOH Pa.t. 1/67 USGS 3/71 — C

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

Aperture cards: yes [ ]

Log data: E Log 9-568 ft — D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 569 ft 569 Meas. rept accuracy 3

Depth cased: (first perf.) ft 549 Casing type: ; Diam. 8x4 in 8

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: 11-4-65 965 Pump intake setting: ft

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 — T Deep Shallow

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

Descrip. MP Hole in pump base 80 BSES 1979 2.0 ft (above) below LSD, Alt. MP

Alt. LSD: 475 475 ~~Accur~~acy: (source) 4

Water Level 205.8 ft above below MP; Ft ~~above~~ below LSD 204 Accuracy: D

Date meas: 1/20/72 172 Yield: gpm 80 Method determined 4

Drawdown: ft 9 Accuracy: 0 Pumping period hrs 2

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

Sp. Conduct 255 K x 10^6 2 Temp 20.5 °F 205 Date sampled 2/71 271

Taste, color, etc. pH = 6.6 Fe = 4.0 TS = 137

F25

Well No. F25

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

ROGEOLOGIC CARD

ME AS ON MASTER CARD [19] Physiographic Province: ____ [03] (20 21) Section: ____

[D] (22) Drainage Basin: ____ [15K] (23 25) Subbasin: ____ [ ] (26)

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

R FER: ____ system, ____ series [TE] (28 29) ____ aquifer, formation, group [ ] (30 31)

ology: ____ [US] (32 33) Origin: ____ [2] (34) Aquifer Thickness: ____ ft

[26] (37) Length of well open to: ____ ft [20] (38–40) Depth to top of: ____ ft [541] (41–43)

R FER: ____ system, ____ series [ ] (44 45) ____ aquifer, formation, group [ ] (46 47)

ology: ____ [ ] (48 49) Origin: ____ [ ] (50) Aquifer Thickness: ____ ft

[ ] (53) Length of well open to: ____ ft [ ] (54–56) Depth to top of: ____ ft [ ] (57–59)

rvals ened: 20' x 6" 549-569 ft

to olidated rock: ____ ft [ ] (60–63) Source of data: ____ [ ] (64)

to ment: ____ ft [ ] (65–68) Source of data: ____ [ ] (69)

icial rial: ____ [ ] (70–71) Infiltration characteristics: ____ [ ] (72)

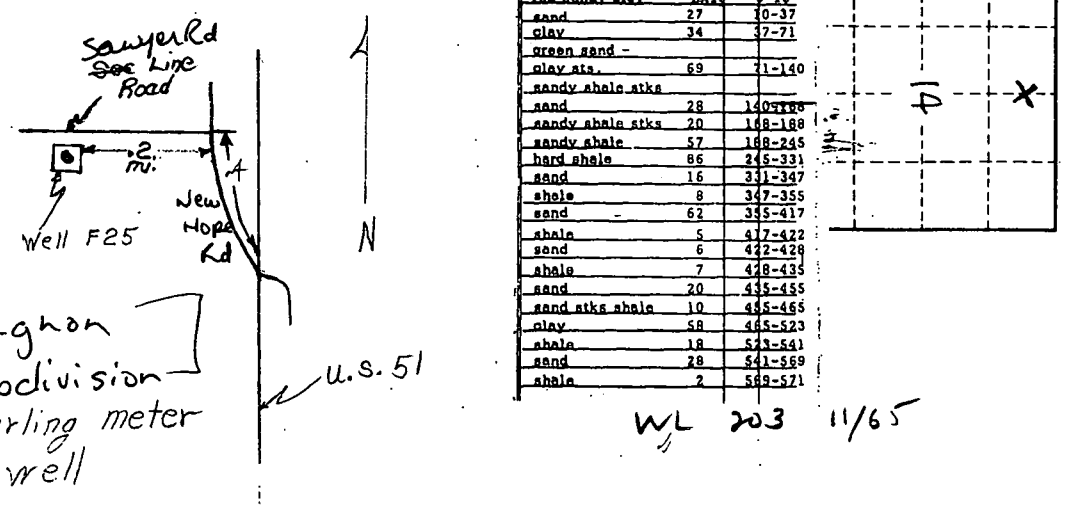
ficient : 30,000 gpd/ft [303] (73–75) Coefficient Storage: ____ [ ] (76–78)

ficient : 1,150 gpd/ft²; Spec cap: 90 gpm/ft; Number of geologic cards: ____ [ ] (79)

741 ft of 8-inch casing

pumping test 1-20-1972

Material	Thickness	Depth
red sandy clay	8x10	0-10
sand	27	10-37
clay	34	37-71
green sand - clay stks.	69	71-140
sandy shale stks		
sand	28	140-168
sandy shale stks	20	168-188
sandy shale	57	188-245
hard shale	86	245-331
sand	16	331-347
shale	8	347-355
sand	62	355-417
shale	5	417-422
sand	6	422-428
shale	7	428-435
sand	20	435-455
sand stks shale	10	455-465
clay	58	465-523
shale	18	523-541
sand	28	541-569
shale	2	569-571



WL 203 11/65

GPO 857-700

is below MW