CODED

FORM 9-1642 (1-68)

Well No. G21

FILE COPY

WELL SCHEDULE

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

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by B.D. Source of data Records Date 71 Map

State 29 County (or town) St. Elizabeth 53

Latitude: 33 27 36 N (deg min sec) Longitude: 088 48 42 (degrees min sec) Sequential number: 1

Lat-long accuracy: 3 T 18 S, R 14 W, Sec 3, ¼, NW ¼, NE ¼ B & M

Local well number: G021 AA 3 1 8N 14E Other number:

Local use: 064 D63 13 Owner or name:

Owner or name: STARKVILLE Address: Starkville

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

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, (Ø) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. — U

DATA AVAILABLE: Well data; Freq. W/L meas.: Ø; Field aquifer char. Y

Hyd. lab. data:

Qual. water data; type: C

Freq. sampling: Ø; Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 1960 Meas. rept accuracy 3

Depth cased (first perf.) ft 1377 Casing type: ; Diam. 12,10 in 12

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — 5

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 7 9 Pump intake setting: ft

Driller: 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. V; Trans. or meter no.

Descrip. MP 1" Vent S. side at 2.0 ft above/below LSD, Alt. MP

Alt. LSD: 360 Accuracy (source): 5

Water Level ft above/below MP; Ft above/below LSD 210 Accuracy: D

Date meas: 376 Yield: gpm 506 Method determined 4

Drawdown: ft Accuracy: Pumping period 1½ hrs 1

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

Sp. Conduct K x 10⁶; Temp. °F; Date sampled 85

Taste, color, etc.

Well No. G21

8/10/87

235
- 2.34
232.66
2.3
230.36

3/16/78

25 = 195.12
2.0
13.1
194.9
2.0
194.9
11/15/82

Pump # 53166 by Layne + Bowler (Turbin pump)
contact Al Ostin

Well No. G21

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, (Ø) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

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

Lithology: US (32–33) Origin: 2 (34) Aquifer Thickness: ft

100 (35–37) Length of well open to: ft 83 (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: 10"

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)

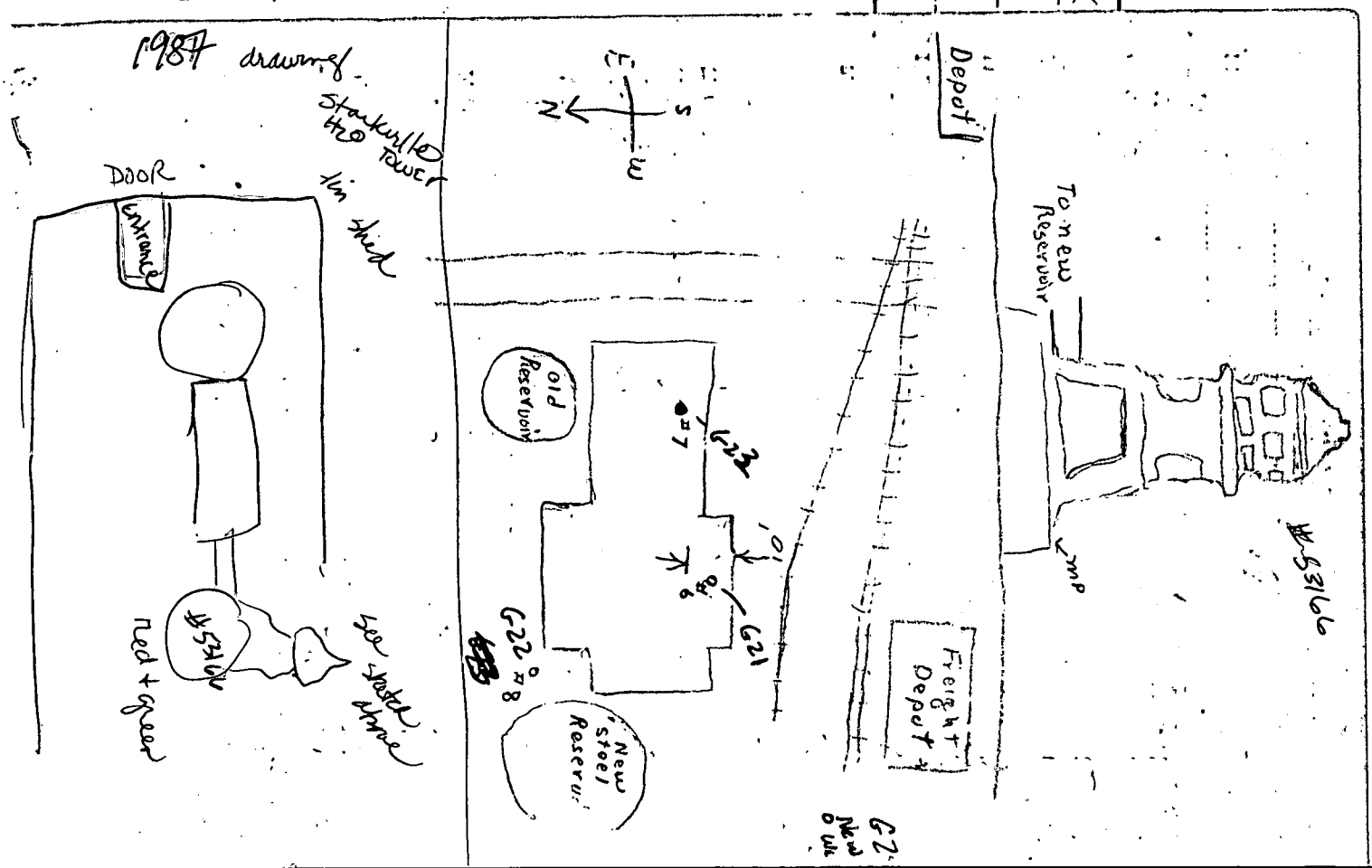
Coefficient Trans: gpd/ft 583 (73–75) Coefficient Storage: .006 604 (76–78)

Coefficient Perm: 580 gpd/ft^2; Spec cap: 13 gpm/ft; Number of geologic cards: (79)

WL 127 (1941)
WL 147 (1963)

X

1987 drawing



@ 1145
8/10/87
Hold 240.00
5.66
- 2.30 MP

Okribbeha

FORM NO. 9—1904—E
Revised September 1980

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

FILE COPY

WELL NO. 621
MP HEIGHT
Owner: Starkville

WATER-LEVEL DATA

Site Ident. No. (5–19)

R = 234 * T = A *

DATE	WATER LEVEL (BELOW LSD)	STATUS	METHOD	HOLD	CUT	DEPTH BELOW MP	REMARKS	DATE PUNCHED	DATE ENTERED
235 # / / 1978 *	237 = 185.12 *	238 = *	239 = *						
235 # / / *	237 = . *	238 = *	239 = *						
235 # 11/15/1982 *	237 = 194.90 *	238 = *	239 = *						
235 # / / *	237 = . *	238 = *	239 = *						
235 # 08/10/1987 *	237 = 230.36 *	238 = *	239 = *						
235 # / / *	237 = . *	238 = *	239 = *						
235 # / / *	237 = . *	238 = *	239 = *						
235 # / / *	237 = . *	238 = *	239 = *						
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235 # / / *	237 = . *	238 = *	239 = *						

MEASURING POINT

R = 320 * T = A D M *
add, delete, modify

Method of Measurement: 239 = A B C E G H L M N R S T V Z
airline, analog, calibrated airline, estimated, pressure gage, calibrated pressure gage, geophysical logs, manometer, non-recording gage, reported, steel tape, electric tape, calibrated electric tape, other

M.P. Begin Date: 321 # / / *
M.P. End Date: 322 = / / *
M.P. Height: 323 = . *
M.P. Remark: 324 = *

Site Status: 238 = D E F G H I J N Ø P R S T V W X Z
dry, recently flowing, flowing, nearby flowing, nearby recently flowing, injector, injector or site monitor, discontinued measuring, obstruction, pumping, recently pumped, nearby pumping, nearby recently pumping, foreign matter on water, well destroyed, affected by surface water site, other

GPO : 1981 O - 343-893

B^2

236.0

5 measurement
problems w/ conv

B

235.9

2.34

232.66

2.3

230.36

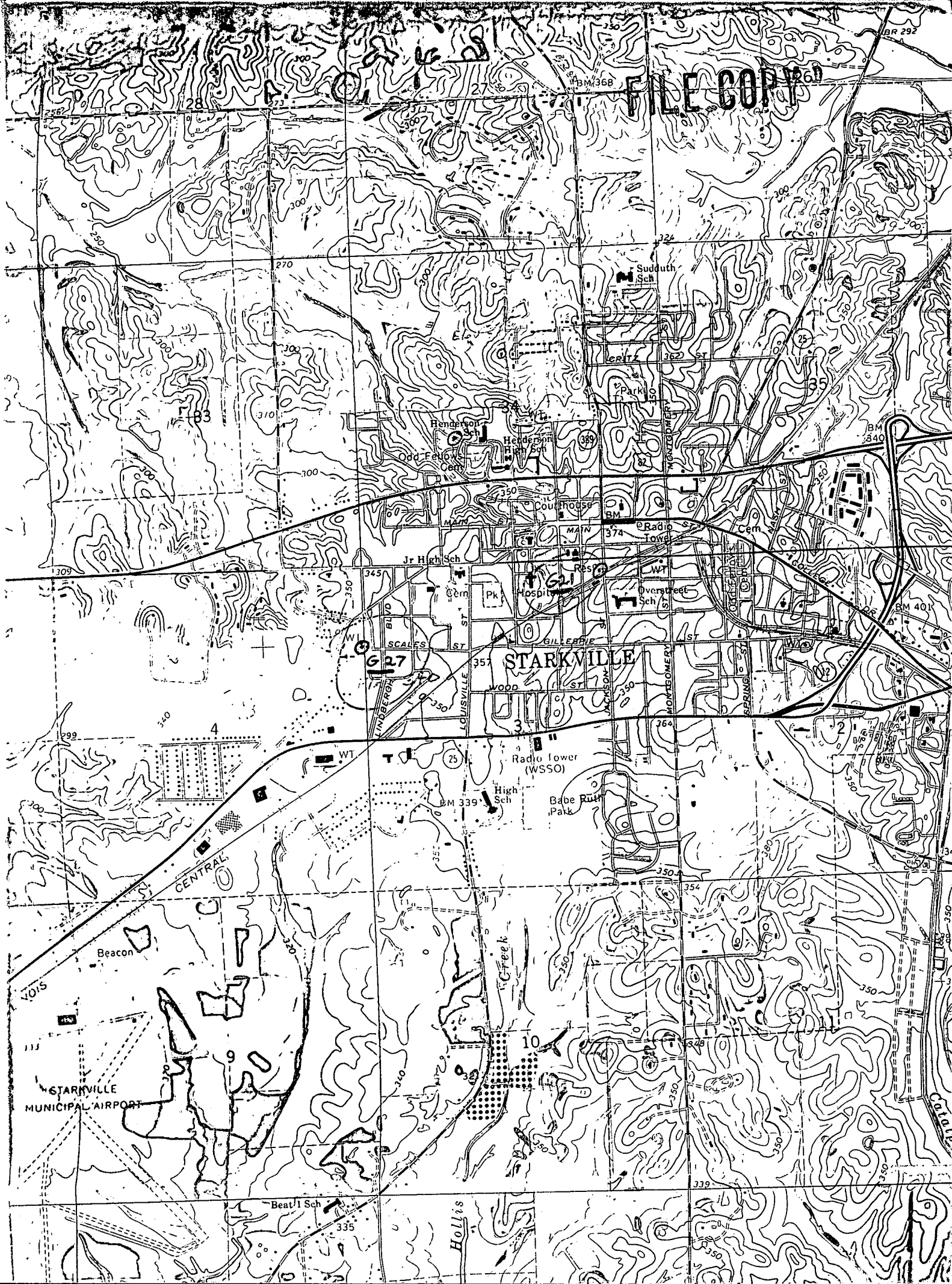
B

240.9

5.66

234.3

4


FILE COPY
STARKVILLE
Sudduth Sch
Park
Henderson Sch
Henderson High Sch
Odd Fellows Cem
Courthouse
Radio Tower
Cem
Jr High Sch
Cem
Pk
Hospital
Res
Overstreet Sch
Radio Tower (WSSO)
High Sch
Babe Ruth Park
Beacon
STARKVILLE MUNICIPAL AIRPORT
Beat 1 Sch
Hollis Creek
CENTRAL
LOUISVILLE
LINDBERGH
MONTGOMERY
JACKSON
SPRING
MAIN
WOOD
GILLESPIE
SCALES
BLVD
ST
BM 368
BM 340
BM 401
BM 339
BM 374
BR 292