JUN 04 1975

FORM 9-1642
(1-68)

Well No. G24

WELL SCHEDULE

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

MASTER CARD

Record by Q Source of data Bowe Date 6/75 Map CARY 187C

State MS 28 County (or town) Sharkey 63

Latitude: 32 47 57 N Longitude: 090 55 48 Sequential number: 1

Lat-long accuracy: 4 T 11 N, R 7 W Sec 32, ½, SE ¼, SE ¼ B & M

Local well number: G024DD3211N07W Other number:

Local use: 064 Owner or name:

Owner or name: DARDEN CO Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist 67 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 68 H

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 W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: Q 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: yes / no, period: 76

Aperture cards: yes 77

Log data: D 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD 19 Depth well: ft 1059 20 23 Meas. rept accuracy 24 3

Depth cased; (first perf.) ft 1029 25 28 Casing type: ; Diam. 4X3 in 29 30 4

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

Date Drilled: 9-21-67 9 67 33 35 Pump intake setting: ft 36 38

Driller: Layne (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, gas, gasoline, hand, gas, wind; nat, LP, H.P. 41 Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 42 45 Accuracy: (source) 47

Water Level ft above below MP; Ft above below LSD 48 51 4 Accuracy: 52 D

Date meas: 53 9 67 55 Yield: ? gpm 56 60 Method determined 61

Drawdown: ft 62 64 Accuracy: 65 Pumping period 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 77 79

Taste, color, etc.

24.29

10/31/85

Well No.

Well No. _____

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: _____

_____ E (22) Drainage Basin: _____ 15J (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 TE (28–29) _____ aquifer, formation, group SS (30–31)

Lithology: _____ S (32–33) Origin: _____ 2 (34) Aquifer Thickness: 83 ft

(35–37) Length of well open to: _____ ft 30 (38–40) Depth to top of: _____ ft 983 (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: _____

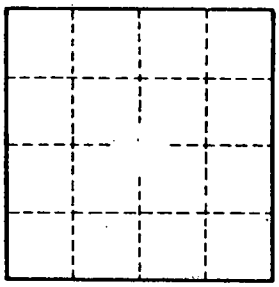
Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

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



LAT 32445?
LONG 90554?

Sharkey
G 24
9-67

CODED 10/4/67 jm

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

Q2527

WATER WELL DRILLERS LOG

September 21, 1967 (date well completed) Layne-Central Company (firm name) Sharkey (county well located)

LANDOWNER: Darden Company

Cary, Mississippi (mailing address)

WELL LOCATION:
SESE sec. 32 T 11 N/S R 7 E/W
1/ (distance) miles south (direction) of Cary (nearest town)

WELL PURPOSE: home (home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

(1) diameter (inches) 4x3

(2) total depth (feet) 1066'4"

(3) static water level (feet) 4' below top of ground.

(4) casing steel (material), 1051'11" (depth), of 4"
steel 922'8" of 3"
4&3 (size) If telescope see back.

(5) screen 30' (length), 1058'5" (depth to top)
3" (size), Stainless Steel (material)

(6) pump ____ (HP) ____ (yield gpm)
Unknown - Purchaser furnishes. (type power)

(7) electric log no (yes or no)
____ (organization running log)

(8) how well bottom plugged 75 lbs. shot

DRILLERS REMARKS: ____

description of formations encountered	from	to
Top soil	0	10
Blue clay	10	20
Fine sand	20	40
Coarse sand	40	90
Pea gravel & sand	90	160
Clay & lignite	160	190
Sandy clay	190	225
Hard sandy clay & shell	225	260
Fine green sand CODED	260	291
Rock	291	292
Sandy shale	292	390
Rock	390	391
Sandy shale	391	420
Rock	420	421
Sandy clay	421	471
Fine sandy clay	471	540
Sand & lignite, sand strks.	540	555
Rock	555	557
Sandy clay & shell	557	578
Rock	558	579
Sand & shell	579	588
Rock	588	590
Fine sand & shell	590	600
Rock	600	602
Sand & 2 to 3 inch rock strk..	602	628
Rock	628	630
Clay & shell	630	668
Sandy clay	668	685
Rock	685	686
Sandy clay	686	701
Rock	701	702
Clay & shell	702	715
Rock	715	716
Clay & shell	716	755
Rock	755	759
Clay & shell, hard	759	786
Sand & clay strks.	786	819
Clay	819	885
(over)		