

WELL SCHEDULE 229 B MADISON

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

GW02862  
0610036-01

MASTER CARD

Record by J. Shell Source of data BOWC Date 1/69 Map Madison

State 245 28 County (or town) Rankin 61

Latitude: 32<sup>deg</sup> 23<sup>min</sup> 02<sup>sec</sup> N Longitude: 090<sup>deg</sup> 02<sup>min</sup> 02<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 3 S. E. 3 W. Sec. 7 SW 70 NW B & M

Local well number: G024BB0706N03E Other number:

Local use: 064 Owner or name: Pearl R. Wtr. Supply Dist

Owner or name: PEARL RIVER W. D. Address: Jackson Bay Park 5

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist

Use of water: Air cond, Bottling, Comm, De-water, Power, Fire, Dca, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Re-pressure, Re-charge, Desal-P S, Desal-other, Other WA P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Re-charge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char:  0

Hyd. lab. data:

Qual. water data: type:

Freq. sampling:  Pumpage inventory:  period:

Aperture cards:

Log data: CKKF D

PUNCHED AND VERIFIED  
ROLLA COMPUTATION BRANCH

89.891

6/89

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 631 ft Meas. rept. accuracy 3

Depth cased; (first perf.) 597 ft Casing type: Steel; Diam. 10x6 in 10

Finish: porous concrete, gravel w. concrete, (perf.), (screen), gravel w. gallery, horiz. end, open perf., screen, sd. pt., shored, open hole, other S

Method drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air percussion, (P) reverse, (R) rotary, (T) trenching, (V) driven, (W) drive wash, other H

Date drilled: 965 Pump intake setting: 30 ft

Driller: Layne Central name address

Lift (type): (A) air, (B) bucket, (C) cent. jet, (J) multiple, (L) multiple, (M) multiple, (N) nose, (P) piston, (R) rot, (S) submerg, (T) turb, other 7 Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 30  Trans. or meter no. 30

Descrip. MP 334 330 above ft below LSD, Alt. MP

Alt. LSD: 500 Accuracy: (source) 4

Water Level 120 ft above below MP; Ft above below LSD 120 Accuracy: 100 ± 5% D

Date meas: 765 Yield: 11 gpm 263 Method determined 41

Drawdown: 43 ft Accuracy: 44 Pumping period 45 hrs 46

QUALITY OF WATER DATA: Iron 49 Sulfate 50 Chloride 51 Hard. 52

Sp. Conduct 53 K x 10<sup>6</sup> 54 Temp. 55 °F 56 Date sampled 57 58

Taste, color, etc. 59

Well No.

G 24

Latitude-longitude N S

**GEOLOGIC CARD**

NAME AS ON MASTER CARD Physiographic Province: 03 Section:

Drainage Basin: D Subbasin: 11317

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

IFER: system TE series CKK aquifer, formation, group 85

ology: 3 Origin: 2 Aquifer Thickness: 91 ft  
Length of well open to: 40 ft Depth to top of: 540 ft

IFER: system SS series SS aquifer, formation, group 46

ology: 3 Origin: 2 Aquifer Thickness: 91 ft  
Length of well open to: 40 ft Depth to top of: 540 ft

to consolidated rock: 40 ft Source of data: 44

to cement: 40 ft Source of data: 44

acial: 70 Infiltration characteristics: 23

efficient: 2 Coefficient Storage: 75

efficient: 2 gpd/ft; Spec cap: 2 gpm/ft; Number of geologic cards: 79

170.8/81 Pump # 52529

7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7	7

180 63210

292 69' Lap top 52'

221 Screen 581' x 6.30 Shiller

100 581

Method Yield 524

Chloride Conductivity

Sampled Bay Park Spillway Rd

~~ADAMS~~ <sup>PANKIN</sup>  
~~RANKIN~~  
 0624

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

**CODED**

7-2965

Date: July 29, 1965, Driller: Layne-Central Co. County Madison

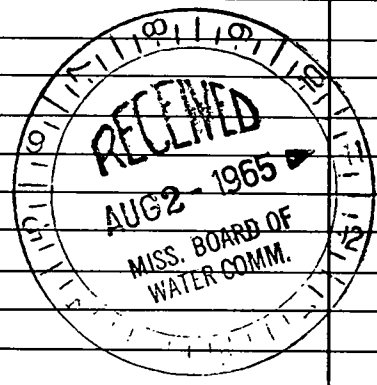
(Name)

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Pearl River Valley Water Supply District</u> (Name) <u>Madison County, Miss.</u> (Address)				
(2) Location: <u>7 6030</u> _____ miles _____ of _____ (distance) (direction) (Nearest Town)		yellow clay	30	30
(3) Topography: _____ (Hilly) (Flat) (Level)		hard blue clay	104	134
(4) Purpose of Well: <u>municipal</u> (Domestic Irrigation, Municipal, Industrial, Other)		blue brittle clay	172	306
		rock	1	307
		sandy shale	105	412
		fine sand-shale stks	58	470
		sandy shale	30	500
		sand-stks shale	60	560
		sand-hard packed	52	612
		shale	2	614

Information upon completion of well:

- (1) Diameter 10 inches.
  - (2) Total Depth 613 feet.
  - (3) Water Level 104 feet below top of ground.
  - (4) Cased to 560', Size 10"
  - (5) Screen: Size 6", Length 40'
  - (6) Were any formations sealed against pollution?  
 yes,  no.
- If YES depth of formation 560'
- Why required
- Drillers Remarks: \_\_\_\_\_

**CODED**



(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

Rankin  
G 24  
7-65

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



WATER WELL DRILLERS LOG

7/22/65 1965 Lagne Central Co Rankin  
date well completed firm name county well located

LANDOWNER: Pearl River  
Valley Water Supply  
District  
(mailing address)  
WELL LOCATION:  
sec. 7 T. 6 N. R. 3 E  
S W  
(distance) miles of (direction) of (nearest town)

description of formations encountered	from to	
Top soil	0	1
yellow clay	1	23
Blue clay	23	270
sandy shale	270	396
limestone	396	398
Shale sand streaks	398	469
Sand streak shale	469	489
shale sand streaks	489	520
Shale Gunning	520	540
Sand	540	631
hard clay	631	633

WELL PURPOSE:  
(home, irrigation, municipal, industrial)  
WELL COMPLETION DATA:  
(1) diameter (inches) 10 X 6  
(2) total depth (feet) 633  
(3) static water level (feet) 120 below  
top of ground.  
(4) casing Steel (material) (depth)  
(size) If telescope see back.  
(5) screen 40' 6 1/2" (length) (depth to top)  
6" 5t. 5t. (size) (material)  
(6) pump 30 263 @ 60# (HP) (yield gpm)  
(type power)  
(7) electric log (yes or no)  
(organization running log)  
(8) how well bottom plugged

DRILLERS REMARKS:

(A)

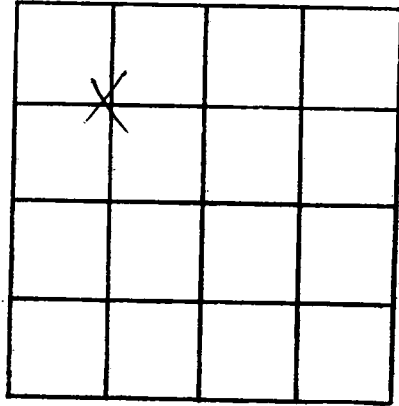
If well telescopes please sketch and show depths.

GROUND LEVEL

58'  
10"

69'  
6"  
inner case

40'  
6"  
screen  
7/8" opening



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

Lined area for additional information.

If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips DATE: 7/31/96

UNIT DEQ #: \_\_\_\_\_ FILE #: A073113A

HEALTH DEPT. #: 610036-01 ELEV. 334'

USGS #: G24 OLWR #: Gw02862

OWNER: PRVWSD QUAD: Madison

LOCATION: SE/NE S07 T6N R3E COUNTY: Rankin

LOCATION DESCRIPTION: located on Spillway Rd at  
intersection with Parkway Rd.

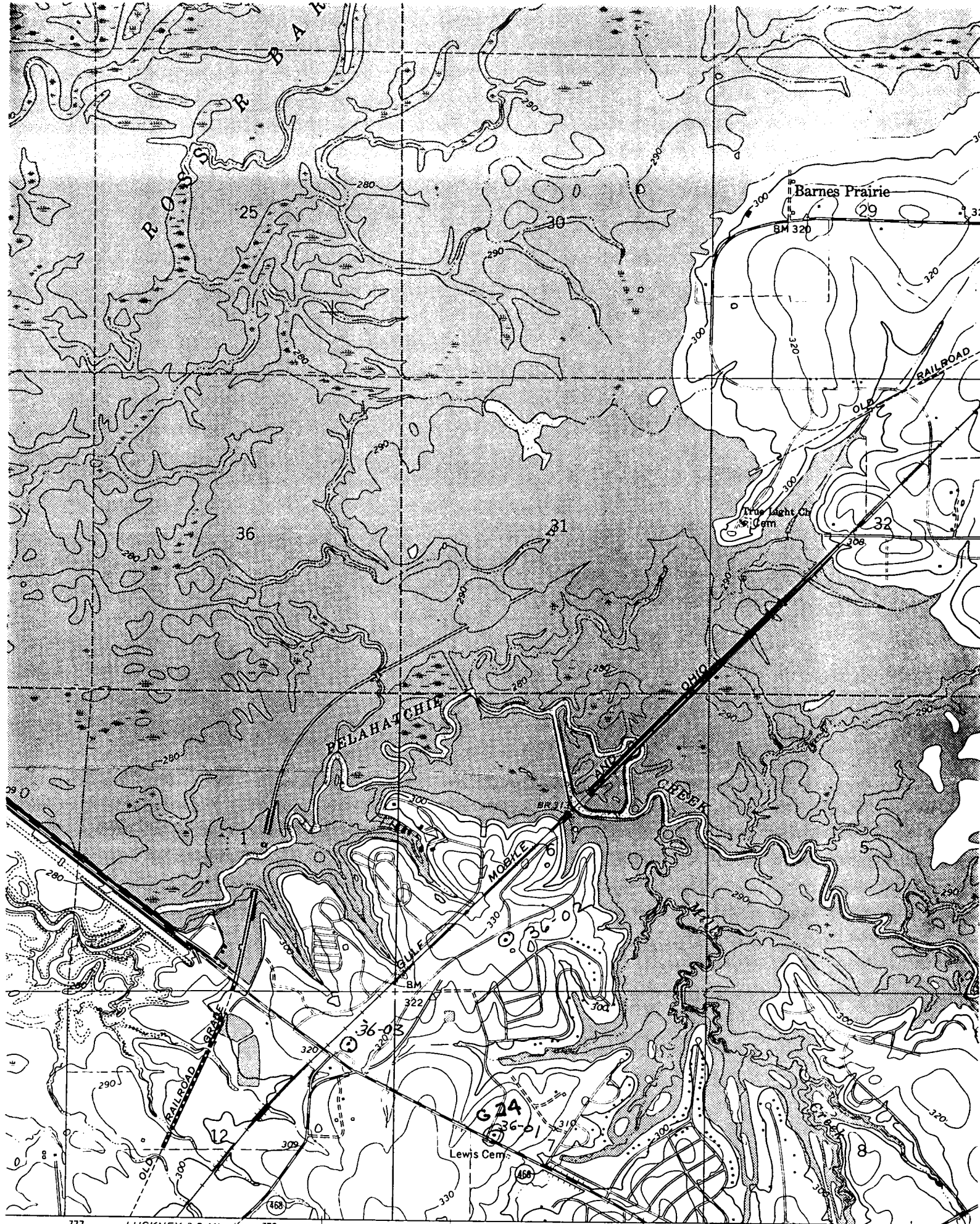
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/60 HP

GPS FIELD LOCATION: LAT. 32°22.743'N LONG. 90°01.910'W

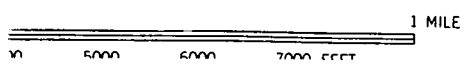
GPS CORRECTED LOCATION: LAT. 32.37903567 LONG. 90.03235676

REMARKS: Measured 30' east of well

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



777 LUCKNEY 3.2 MI. 778 2'30" R. 2 E. R. 3 E. 779 780000m. E. INTERIOR-GEOLOGICAL SURVEY WASHINGTON, D. C.



ROAD CLASSIFICATION