

WELL SCHEDULE
 GEOLOGICAL SURVEY

E log # 180 2293

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD

Record by C. Jessup Source of data MSG's Date 4-10-69 Map Madison

State WV County Madison (or town) Madison 45

Latitude: 3 2 2 8 1 8 N Longitude: 0 9 0 0 3 2 9 Sequential number: 1

Lat-long accuracy: 3 7 5 R 2 0 11 NENE NE NE

Local well number: W045AA1107W02E Other number: B & H

Local use: 064180 Owner or name: Pearl River Valley Water Dist. # 4

Owner or name: PEARL RIVER W. D. Address: Town Harbor Subdiv.

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other AB

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards: yes CCKF

Log data: E log 17-655 ft. D.E

PUNCHED and VERIFIED
 ROLLA COMPUTATION BRANCH

WELL
 P & Gnd
 2-9-53
 2402
 Pump # 21936

131
 1.97
 129.03
 - 2.50
 126.53

7/25/83

142.00
 2.78
 129.22
 2.50
 126.72

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD. Depth well: TD 625 ft 610 Meas. 3

Depth cased: (first perf.) 560 ft Casing type: 10 x 6 in 10

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. open end, (open) perf., (screen) sd. pt., shored, open hole, other 5

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air percussion, (F) rotary, (G) reverse, (H) trenching, (I) driven, (J) wash, other 4

Date Drilled: 3-17-69 9:69 Pump intake setting: 36 ft 38

Driller: Jayne Central Co.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other 7 Deep 40 Shallow 36

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; H.P. 40 Trans. or meter no. 41

Descrip. MP 40 ft above LSD, Alt. MP 47

Alt. LSD: 308 T. 308 Accuracy: (source) 317 4

Water Level: 98 ft above MP; Ft below LSD 98 Accuracy: 323 @ 60 D

Date meas: 4/8/69 4:69 Yield: 250 gpm Method determined 61

Drawdown: 62 ft Accuracy: 65 Pumping period 66 hrs 68

QUALITY OF WATER DATA: Iron 69 ppm Sulfate 70 ppm Chloride 71 Hard. 72 ppm

Sp. Conduct 73 K x 10⁶ Temp. 74 °F Date sampled 77 78

Taste, color, etc.

Well No. W-45

Well No. _____

W45

Latitude-longitude _____

N

S

HYDROGEOLOGIC CARD

BORTON COUNTY WATER SYSTEM
PUMPED AND SERVED

SAME AS ON MASTER CARD

Physiographic

Province: _____

03

Section: _____

D

Drainage Basin: _____

137

Subbasin: _____

(D) depression, stream channel, dunes, flat, hilltop, sink, swamp

(P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR

AQUIFER: _____

system

series

TE

aquifer, formation, group

CP

Lithology: _____

US

Origin: _____

2

Aquifer

Thickness: _____

ft

Length of well open to: _____

ft

50

Depth to top of: _____

ft

560

MINOR

AQUIFER: _____

system

series

aquifer, formation, group

Lithology: _____

Origin: _____

Aquifer

Thickness: _____

ft

Length of well open to: _____

ft

50

Depth to top of: _____

ft

Intervals

Screened: _____

560 - 610

50' of 6"

Depth to consolidated rock: _____

ft

Source of data: _____

ft

Depth to basement: _____

ft

Source of data: _____

ft

Surficial material: _____

Infiltration characteristics: _____

ft

Coefficient

Trans: _____

gpd/ft

Coefficient

Storage: _____

Coefficient

Perm: _____

gpd/ft²

Spec cap: _____

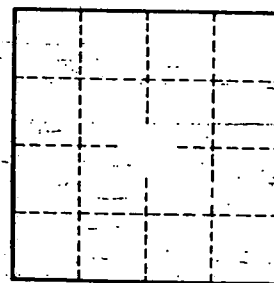
gpm/ft

Number of geologic cards: _____

ft

560' 15"
70' cap top 498'
50' screen 568-618
563

#420
40' 351
60' 319
550' 10"
67' cap top 500'
Screened 568'-608'
90
568



1015194
305 GPD
at 60 PSI

Jackson

Madison
W45
4-9-69
M.G.S.

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

CODED

CODED

WATER WELL DRILLERS LOG

4-9 1969 Lynn Central Company Madison
date well completed firm name county well located

LANDOWNER: <u>Pearl River Valley Water Association</u> <u>Jackson, Miss.</u> (mailing address)	description of formations encountered	from	to
WELL LOCATION: <u>North of Natchez</u> sec. <u>11</u> T <u>7</u> N R <u>2</u> E <u>Price</u> miles of (distance) (direction) of (nearest town)	<u>Yellow Clay</u>	<u>0</u>	<u>30</u>
	<u>Loess Clay</u>	<u>30</u>	<u>250</u>
	<u>Hard Shale</u>	<u>250</u>	<u>268</u>
	<u>Shale, Shale & gravel</u>	<u>268</u>	<u>560</u>
	<u>Medium Sand</u>	<u>560</u>	<u>620</u>
	<u>Fine Sand, Flints</u>	<u>620</u>	<u>649</u>
	<u>Shale</u>	<u>649</u>	<u>654</u>

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

WELL COMPLETION DATA:

- (1) diameter (inches) 10"
- (2) total depth (feet) 625'
- (3) static water level (feet) 98' below top of ground
- (4) casing Steel, 560' (material), (depth)
10" & 70' 3 6" (size) If telescope see back.
- (5) screen 50', 560' (length), (depth to top)
6", Stainless Steel (size), (material)
- (6) pump (HP) (yield gpm)
Electric (type power)
- (7) electric log Yes (yes or no)
Miss. Geol. Survey (organization running log)
- (8) how well bottom plugged Slugs

APR 29 1969

MISS. BD. OF WATER COMM.

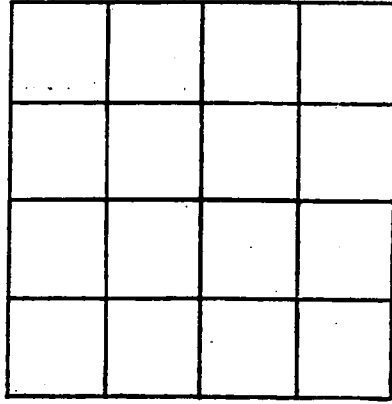
DRILLERS REMARKS:

Pump not installed as of this date.



If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 11

Please indicate well location X.

ADDITIONAL INFORMATION

Lined area for additional information, consisting of approximately 25 horizontal lines.

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): AK DATE: 9-14-94
UNIT DEQ #: 84090 FILE #: 150914160
HEALTH DEPT. #: 450024-01 ELEV. 330
USGS #: W-45 OLWR #: GW02866
OWNER: TWIN HARBOR QUAD: MADISON
LOCATION: NE/NW S 11 T 7N R 2E COUNTY: MADISON
LOCATION DESCRIPTION: well in fenced area S of ground
haul SE of Treatment house.
CASING DIA: _____ PUMP TYPE & SIZE: Turbine 40 HP
GPS FIELD LOCATION: LAT. 32.28.343 N LONG. 90.03.315 W
GPS CORRECTED LOCATION: LAT. 32.47192540 LONG. 90.05485343
REMARKS: .3 mile from well #2 on R. side of
road, where it Y's.

