

8/1/96

Recorded by WTO

Date 12/9/76

GW14116 0610023-03

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT  
WELL RECORD

TRANSMITTED FOR ADP  
12/17

Well No. K169  
E-Log No. 431  
County Rankin

Jackson Quad

Site ID 321538090094201 R=0\* T=AM\* 2=W\*

Data reliab. 3-CU\* Report. agency 4-USGS\* Dist. 6=28\* 7=28\* Co. 8=121\*

Lat. Long./ 9=321538\* 10=0900942\* Well No. 12=K169\*

Location 13=NESE s 23 T OSN R 01 E\* Alt. 16=265.\* 262

Hyd. Unit (OWDC) 20= Date 21=11/23/1976\*

Well use 23=W\* Water Use 24=P\* Hole depth 27=858.\* Well depth 28=829.\*

WL 30=184.\* Date 31=08/29/1978\* Source 33=D\*

Status 273=Y\*

GEN. SITE DATA

OWNER

FIELD CW

CONSTR.

CASING

OPENINGS

YIELD

R=158\* T=AM\* Date 159#02/03/1977\* Owner No. #4

Owner 161=RICHLAND WTR DIST  
City of Richland

R=192\* T=AM\* Date 193# Temp. 196#00010\* 197=

R=192\* T=AM\* Date 193# Cond. 196#00095\* 197=

R=192\* T=AM\* Date 193# pH 196#00400\* 197=

R=58\* T=AM\* 59#1\* Date 60=02/03/1977\* Remarks

Drlg. 63=064\* Name Layne Method 65=H\* Finish 66=G\*

R=76\* T=AM\* 59#1\*

Top csng. 77# 0.\* Bot. csng. 78=749.\* Diam. 79# 16.\*

R=76\* T=AM\* 59#1\*

Top csng. 77# 689.\* Bot. csng. 78=749.\* Diam. 79# 8.\*

R=82\* T=AM\* 59#1\* Top 83# 749.\* Bottom 84=829.\*

Type 85=S\* Diam. 87=8.\* Size 88=

SPRT

R=82\* T=AM\* 59#1\* Top 83# Bottom 84=

Type 85= Diam. 87= Size 88=

R=134 146\* T=AM\* 147# 1\* Q 150=800.\* Q/S 272=

LIFT

R=42\* T=(A)M\* Lift type 43#T\* Intake 44= Power type 45=E\*

Date 38=02/03/1977\* H.P. 46=125.\*

LOGS

R=198\* T=(A)M\* Log 199#D\* Top 200= 0.\* Bot 201= 858.\*

R=198\* T=(A)M\* Log 199#E\* Top 200= 56.\* Bot 201= 850.\*

R=189\* T=(A)M\* E Log No. 190#43.1\* 191= M I S S D I S T \*

ANAL.

R=114\* T=A M \* Year 115# Type 120=

AQUIFERS

R=90\* T=(A)M\* 256# 1 \* Top 91= 720.\* Bot 92= 830.\*

Unit ID 93=124SPRT\* Name of Unit Sparta

R=90\* T=A M \* 256# 1 \* Top 91= Bot 92=

Unit ID 93= Name of Unit

HYDRAULICS

R=98\* T=A M \* 99# 1 \* Unit tested 100=

R=105\* T=A M \* 99# 1 \* Test No. 106#

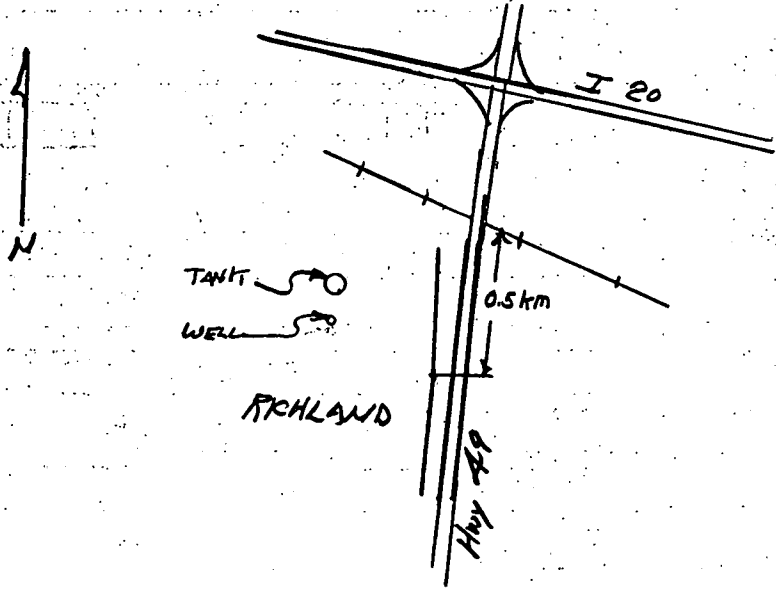
107= Transmissivity (gal/d)/ft

108= Hydraul. cond. (gal/d)/ft<sup>2</sup>

110= Storage coeff. Boundaries

W.L. 2/3/77 155 below LSD

W.L. 6/21/78 2:30 pm 163.9 steel tape LAG (below LSD)



**RANKIN**  
**K169**  
**2-3-77**  
**Fluy #431**

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

(CODE)

**WATER WELL DRILLERS LOG**

2-3 1977 Jayne Central Company Rankin  
 date well completed. firm name county well located

LANDOWNER: <u>Richard</u> <u>Water and Sewer District</u> <u>Richard, Miss</u> (mailing address)	description of formations encountered <u>Sandy Clay</u> <u>White Sand</u> <u>Blue Clay</u> <u>Sand</u> <u>Clay</u> <u>Sand and Lignite</u> <u>Sand &amp; Clay</u> <u>Sand &amp; Shale</u> <u>Sand &amp; Clay Shreds</u> <u>Clay &amp; Sand Shreds</u> <u>Clay &amp; Hard Shreds</u> <u>Rock</u> <u>Hard Shale</u> <u>Shale</u> <u>Rock</u> <u>Clay</u> <u>Sand Shreds &amp; Shale</u> <u>Sand Shale</u> <u>Shale - Sand Shreds</u> <u>Sand - Shale Shreds</u> <u>Sand &amp; Shale</u> <u>Sand &amp; Lignite Shreds</u> <u>Sand</u> <u>Sand and Shale</u>	from	to
		0	7
		7	30
		30	92
		92	121
		121	127
		127	138
		138	217
		217	276
		276	320
		320	372
		372	435
		435	436
		436	445
		445	452
		452	454
		454	463
		463	522
		522	542
		542	565
		565	704
		704	729
		729	749
		749	845
		845	858

WELL LOCATION:  
 sec 23 T 5 N R 1 E  
 (distance) miles (direction) of (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 16"
  - (2) total depth (feet) 840'
  - (3) static water level (feet) 155' below  
top of ground.
  - (4) casing Steel 749'  
(material) (depth)  
16"  
If telescope see back.
  - (5) screen 80' 749'  
(length) (depth to top)  
8" Stainless Steel (w.)  
(size) (material)
  - (6) pump 125 800  
(HP) (yield gpm)  
Electric  
(type power)
  - (7) electric log yes  
(yes or no)  
Miss. Geo. Survey  
(organization running log)
  - (8) how well bottom plugged valve

**RECEIVED**  
 FEB 17 1977

DRILLERS REMARKS:

MISS. BD. OF WATER COMM.

If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

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/Hardin DATE: 8/1/96

UNIT DEQ #: \_\_\_\_\_ FILE #: A080115A

HEALTH DEPT. #: 610023-03 ELEV. 262'

USGS #: K169 OLWR #: GWI4116

OWNER: City of Richland W+S Dept QUAD: JACKSON

LOCATION: SE/NE S23 T5N R1E COUNTY: \_\_\_\_\_

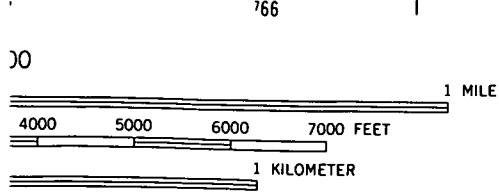
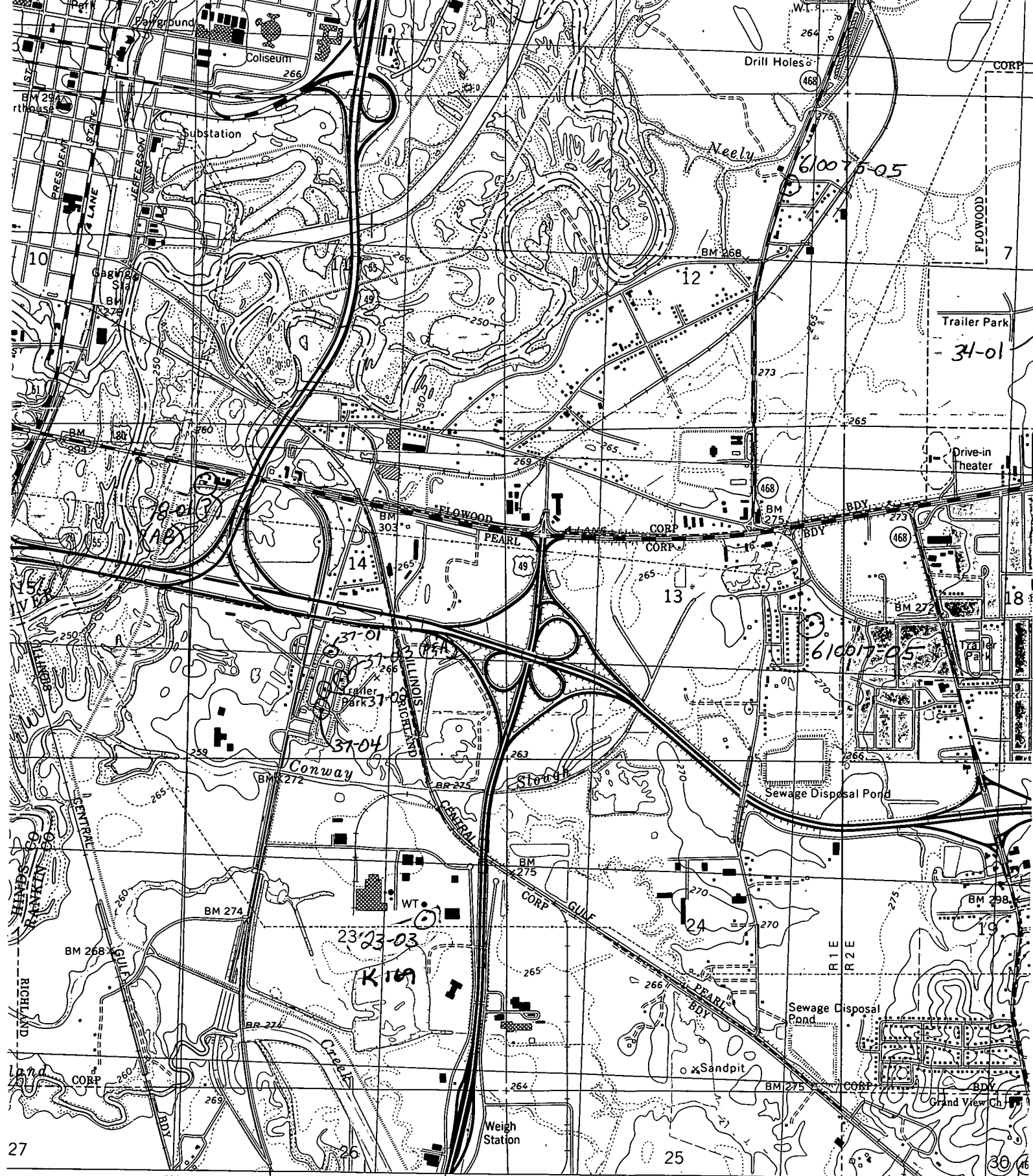
LOCATION DESCRIPTION: At end of Transport Ave behind transformer station; just south of water tower

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/125 HP

GPS FIELD LOCATION: LAT. 32° 15.681' N LONG. 90° 09.812' W

GPS CORRECTED LOCATION: LAT. 32.26123734 LONG. 90.16367083

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



10 FEET  
 FOOT CONTOURS  
 DATUM OF 1929



● INTERIOR—GEOLOGICAL SURVEY, RESTON, 770000M E

**ROAD CLASSIFICATION**

Primary highway, hard surface	Light-duty, improved s
Secondary highway, hard surface	Unimprove

○ Interstate Route    □ U. S. Route

49 FLORENCE 7 MI.  
 MENDENHALL 27 MI.