

0610017-03 (This well replaces original -03 well)  
Gw15086

Coded By: 0596  
Checked By: JJC 7-3-96  
Entered By: LJC  
Date: 7/96

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 693  
County RANKIN  
Agency

Well No. K193

WELL RECORD

Jackson SE

Agency Code: U151C15 | Site Id: 13211711501910101610120111 | Project No.: 54111111111111111111

Station Name: 12=K1193 PEARL | Latitude: 9=321171151 | Longitude: 10=01910061012

Loc/Land Ac.: 11=507 | Disc: 6=28 | State: 7=28 | County: 8=1211 | Land Net: SW Land Net SE/SE/NE/SW

Location Map: 14=JACKSON MS | Altitude: 305 | Met/Meas: 15=ANALOG | Accuracy: 16=151 | Hydrologic Unit: 20=1031810101012

Agency Use: 803=10 | Date Invented: 711= | Station Type: J | Data Type: 804=

Instru.: 805= | Remarks: M4 | Relia.: 806=

Date of Construction: 21=07/11/1995 | Well Use: 23=H | Water Use: 24=P | Primary Aquifer: 74=12HSPT | Hole Depth: 27=964

Well Depth: 28=990 | Water Level: 30=231.7 | Water Level Date: 31=03/10/1996 | Method: 34= | Status: 37= | Source: 33=D

CONSTRUCTION DATA

Construction Date: 60=03/19/1996 | Contractor: 65=1814 | Name: Griner | Method: 65=H | Finish: 66=H

CONSTRUCTION CASING DATA

R=72	T=A	725#1	59#1	77#101	72#18105	79#161
Tco/Casing				Bot/Casing		Diameter
725#2	T=A	59#2	77#1745	72#18115	79#181	

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83#18115	84#18190	87#181	85#1	89#1	88#101161
Tco/Depth				Bot/Depth		Diameter	Type	Length	Width
726#2	T=A	59#2	83#1	84#1	87#1	85#1	89#1	88#1	

CONSTRUCTION LIFT DATA

R=82 | T=A | 254#1 | Lift Type: 43#1 | Date: 38=03/10/1996 | Intake: 44=131401

Power: 45#1 | H.P.: 46#11245 | Serial No.: 49#1

MISCELLANEOUS OWNER DATA

Date of Ownership: 718#1 | 159=03/01/1996 | Owner Name: 161=PEARL

MISCELLANEOUS OTHER ID DATA

R=189 | T=A | 736#1 | E-Log No.: 190=693 | Assigner: 191#M15S101511

MISCELLANEOUS JM DATA

R=192	T=A	738#1	Date of Measurement	1934	Acuifer Sampled	1954	Temo	196700010	Value	1974
R=192	T=A	738#2	Date of Measurement	1934	Acuifer Sampled	1954	So Cond	196700095	Value	1974
R=192	T=A	738#3	Date of Measurement	1934	Acuifer Sampled	1954	pH	196700200	Value	1974

MISCELLANEOUS LOGS DATA

R=192	T=A	739#1	Log Type	1994 D	Sec. Depth	200	End Depth	201	9604
R=192	T=A	739#2	Log Type	1994 E	Sec. Depth	200	End Depth	201	9614

MISCELLANEOUS NETWORK DATA 706 = QW WL WD \*

R=114	T=A	730#1	Sec. Year	1154	End Year	1164	Agency Source	1174	Freq.	1184
R=121	T=A	730#2	Sec. Year	1154	End Year	1164	Agency Source	1174	Freq.	1184

MISCELLANEOUS REMARKS DATA

R=123	T=A	311#1	Date of Remarks	194	Remarks	195
R=123	T=A	311#1	Date of Remarks	194	Remarks	195

DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148	Type	703	Discharge	150	So. Capacity	272
R=146	T=A	Pump/Flow	147#1	Date	148	Type	703	Discharge	150	So. Capacity	272

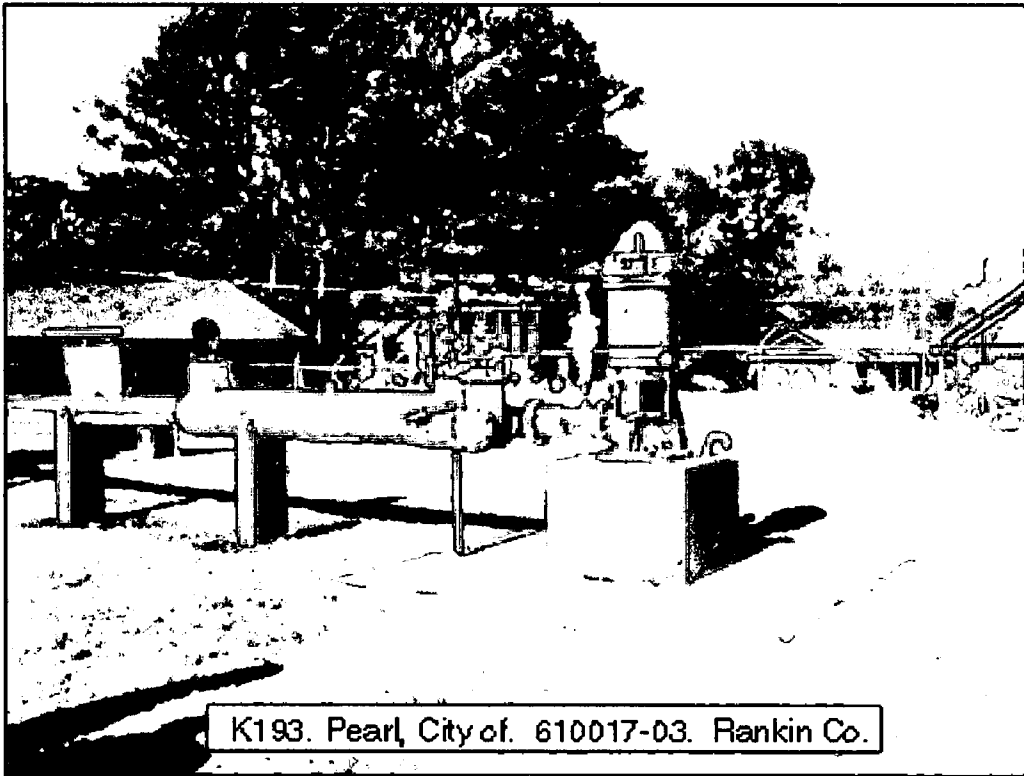
GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91	Depth Bot.	92	Unit Id	93	304
R=90	T=A	721#1	Depth Top	91	Depth Bot.	92	Unit Id	93	304

HYDRAULIC DATA

R=92	T=A	790#1	Unit Tested	100	103
R=92	T=A	790#1	Unit Tested	100	103

replacement well  
for K121. old  
well left for  
observation well.



K193. Pearl, City of. 610017-03. Rankin Co.

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Bureau of Land and Water Resources

P. O. Box 1063  
Jackson, MS 39289-0633  
**WATER WELL DRILLERS LO**

COUNTY WELL LOCATED <b>Rankin</b>	
WELL NUMBER <b>Belaire</b>	CODED <input checked="" type="checkbox"/>
<b>K 193</b>	
DATE WELL COMPLETED <b>03-06-96</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>Griner Drilling</b>
<b>Service, Inc.</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>City of Pearl</b>		
<b>Pearl City Hall</b>		
<b>Pearl, MS</b>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<b>18</b>	<b>5</b> <sup>N</sup> <sub>S</sub>	<b>2</b> <sup>E</sup> <sub>W</sub>
DISTANCE <b>0</b>	DIRECTION <b>North</b>	NEAREST TOWN <b>Pearl</b>
OTHER LANDMARK <b>On Belaire Street</b>		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Municipal</b>		

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): Submersible, <input checked="" type="checkbox"/> Turbine, <input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane Other (Describe) _____ H/P <b>125</b>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>650</b>	<b>7</b>	<b>340</b> FT
PUMP TEST		
Well yielded <b>1001</b> GPM with a drawdown of <b>92.59</b> ft after <b>24</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>890</b>	Casing Diameter (In.) <b>16</b>	Casing Length (Ft.) <b>805</b>
Type of Casing <b>steel</b>	Hole Depth <b>964</b>	Depth to Static Water Level <b>231.70</b>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing <b>745</b> FEET <input type="checkbox"/> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron Other (Describe) _____	
Name of Organization Running Log <b>Griner Drilling Service, Inc</b>	

<b>SCREEN DATA</b>		
Diameter - Inches <b>8</b>	Length - Feet <b>75</b>	Slot Size - Inches <b>0.016</b>
Screen Type <b>Rod base</b>		Depth to Bottom - Feet <b>890</b>

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <b>RECEIVED</b> <b>MAR 07 1996</b>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>Clay</b>	<b>0</b>	<b>330</b>	Dept. of Environmental Quality Office of Land & Water Resources		
<b>Sand</b>	<b>330</b>	<b>480</b>			
<b>Clay</b>	<b>480</b>	<b>617</b>			
<b>Sand &amp; Clay streaks</b>	<b>617</b>	<b>791</b>			
<b>Sand</b>	<b>791</b>	<b>939</b>			
<b>Clay</b>	<b>939</b>	<b>964</b>			
IF MORE SPACE IS NEEDED, USE BACK					

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCE

Bureau of Land and Water Resources

Southport Mall

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

CODED

RANKIN
K 186
7-28-86

JULY 28  
date well completed

HERNOON WELL SUPPLY INC  
firm name

RANKIN  
county well located

LANDOWNER: <u>City of Pearl</u> <u>Pearl, Mo. 39208</u> <u>P.O. Box 5948</u> (mailing address)	description of formations encountered	from	to
<b>WELL LOCATION:</b> sec. <u>12</u> T. <u>5</u> N R. <u>2</u> E (distance) miles (direction) of (nearest town) <b>WELL PURPOSE:</b> <u>municipal</u> (home, irrigation, municipal, industrial) <b>WELL COMPLETION DATA:</b> (1) diameter (inches) <u>16"</u> (2) total depth (feet) <u>1310</u> (3) static water level (feet) <u>250</u> below above top of ground. (4) casing <u>STEEL</u> , <u>1205</u> , (material) (depth) <u>16</u> If telescope see back. (size) (5) screen <u>101.22</u> , <u>1205</u> (length) (depth to top) <u>8</u> , <u>STAINLESS STEEL</u> (size) (material) (6) pump <u>150</u> <u>750</u> (HP) (yield gpm) <u>ELECTRIC</u> (type power) (7) electric log <u>YES</u> (yes or no) <u>HERNOON WELL SUPPLY, INC.</u> (organization running log) (8) how well bottom plugged <u>BACKWASH VALVE</u> <b>DRILLERS REMARKS:</b>	TOP SOIL + CLAY	0	20
	YELLOW CLAY	20	40
	BLUE CLAY	40	60
	BLUE-GREEN CLAY	60	500
	BLUE-GREEN CLAY-SILTISH	500	520
	BROWN CLAY SILT + SHALE	520	680
	FINE MED. SAND	680	815
	CLAY + SILT	815	860
	SILTY CLAY	860	910
	CLAY	910	920
	SHALE + CLAY	920	950
	ROCK	950	980
	SILT CLAY + SHALE	980	1120
	CLAY	1120	1160
	SILT + CLAY	1160	1215
FINE MEDIUM SAND	1215	1310	
CLAY	1310	1320	
FINE SAND	1320	1350	
CLAY	1350		

RECEIVED

OCT 28 1986

Department of Natural Resources  
Bureau of Land & Water Resources

# PUBLIC SUPPLY WELLS PROJECT

## GPS LOG

USER NAME (S): RLB + DC DATE: Dec-26-2001

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

HEALTH DEPT. #: 610017-03<sup>B</sup> ELEVATION: \_\_\_\_\_

USGS #: K193 OLWR #: MS-GW-15086

OWNER: Pearl, City of QUAD: Jackson SE

LOCATION: NE SW S 9 T 5N R 2E COUNTY Rankin

LOCATION DESCRIPTION: .2 mile south west of Paul Truitt church, Intersection of Belaire + old Hy. 80

CASING DIA: 16" PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 32.28779 LONG. -90.10060

GPS CORRECTED LOCATION: LAT. \_\_\_\_\_ LONG. \_\_\_\_\_

REMARKS: was 610017-07

Replaced MS-GW-01299.

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/2/96  
UNIT DEQ #: \_\_\_\_\_ FILE #: 8070214B  
HEALTH DEPT. #: 610017-03<sup>? No tag</sup> New Well ELEV. @305'  
USGS #: K193 OLWR #: GW15086  
OWNER: City of Pearl QUAD: Jackson SE  
LOCATION: NE/SW S 9 T 5 N R 2 E COUNTY: Rankin  
LOCATION DESCRIPTION: On Old Brandon Rd just past  
intersection with Belaire.  
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/125 HP  
GPS FIELD LOCATION: LAT. \_\_\_\_\_ LONG. \_\_\_\_\_  
GPS CORRECTED LOCATION: LAT. 32.28769366 LONG. 90.10052512  
REMARKS: New well, no tag yet  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Has this had the -03 tag transferred to it? — Yes, for some stupid reason

