



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL SCHEDULE

FIPS: 121

WELL: L80

LOG NO.:

Recorded by: PP Permit Data Source: Driller's log Date: 11/20/01

County: Rankin Permit No.: GW15373 DOH No.: 0610003-04

Quad: Brandon Elevation: 495

1/4: NE 1/4: NE 1/4: SW 1/4: NW Sec.: 15 T: 5N R: 3E

Plotted on quad? In field? From drillers log? From permit?

Latitude: 32° 16' 48.8" Longitude: 89° 59' 3.5" GPS? 11/17/99 From Quad?

Primary aquifer: SPRT Secondary aquifer:

Use: MU Well status: Active Local well name: North St. well

Owner: City of Brandon

Date completed: 8/6/99 Driller: Herndon Well depth: 1511 Hole Depth: 1520

Pump type: Turbine Power type: Electric Pump capacity: 838 gpm

Casing interval: 495 to -920 msl 0 - 1415 gl Casing length: 1415 Casing diameter: 14

Casing interval: -831 to -946 msl 1326 - 1441 Casing length: 115 Casing diameter: 8

Screen interval: -946 to -1016 msl 1440 - 1510 gl Screen length: 71 Screen diameter: 8

Screen interval: Screen length: Screen diameter:

Type of logs: Log interval:

Initial water level: Date: M.P. description:

Water Quality Data? Source: Reliability:

Water Level Data? Source: Reliability:

Pump Test Data? Source: Reliability:

Water Use Data? Source: Reliability:

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED	
RANKIN	
WELL NUMBER	CODED
#4 L80	
NORTH STREET	
DATE WELL COMPLETED	
08-06-99	

PERMIT NUMBER
6W 15373
NAME OF DRILLING FIRM
HERNDON WELL & SUPPLY
PEARL, MS.

NAME & MAILING ADDRESS OF LANDOWNER			
CITY OF BRANDON			
P.O. BOX 1539			
BRANDON, MS. 39042			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	15	5 (N) 3 (E)	
		S	W
DISTANCE	DIRECTION	NEAREST TOWN	
Miles	of		
OTHER LANDMARK			
WELL PURPOSE Home Irrigation Municipal Industrial Fish Pond, etc			
MUNICIPAL			

PUMP DATA				
PUMP TYPE (Circle One)				
Submersible	(Turbine)	Jet	Flowing Well	
Other (Describe)				
POWER TYPE (Circle One)				
Electric	Tractor	Diesel	Gasoline	Butane
Other (Describe) MOTOR				
H/P 200				
Pump Capacity (GPM)	No of Stages	Setting Depth	FT.	
838	9	540		
PUMP TEST				
Well yielded 838 GPM with				
a drawdown of 40 ft.				
after 6 hours of pumping				

WELL DATA		
Well Depth	Casing Diameter (In)	Casing Length (Ft)
1510.90	14	1415
Type of Casing	Hoist Depth	Depth to Static Water Level
STEEL	1550	411
TYPE OF COMPLETION (Circle One or More)		
(Gravel Packed)	(Underreamed)	(Telescoped)
Natural Development	Open Hole	Other
(Describe)		
WELL GROUTED TO A DEPTH OF 1415 FEET		
Type Grout (circle one): Cement, Bentonite, or Mix		

LOG DATA					
TYPE OF LOG RUN (Circle One):					
(Electric)	(Gamma Ray)	Density	Sonic	Neutron	No Log Run
Other (Describe)					
Name of Organization Running Log					
MS OFFICE OF GEOLOGY					

SCREEN DATA		
Diameter - inches	Length - feet	Slot Size - inches
8	70.93	.020
Screen Type	Depth to Bottom - feet	
WIRE WRAPPED SS	1510.90	

GEOLOGIC DATA (Office Use Only)			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
1326	FEET	IF TELESCOPED OR MORE THAN ONE SCREEN USE BACK PAGE	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
red clay	0	30	clay	1350	1417
green clay	30	175	sand	1417	1440
shale	175	620	clay	1440	1460
sandy clay	620	650	sand	1460	1520
clay	650	680	clay	1520	
clay w/sand streaks	680	775			
sand	775	985			
clay	985	1230			
sand	1230	1280			
clay	1280	1285			
sand	1285	1350			

DR
Dep Office

IF MORE SPACE IS NEEDED USE BACK

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 11/17/99

UNIT DEQ #: _____ FILE #: 811716C

HEALTH DEPT. #: 610003-04 ELEV. 495

USGS #: L80 ^{No w.s.} OLWR #: GW15373

OWNER: City of Brandon QUAD: Brandon

LOCATION: SW/NW S 15 T 5N R 3E COUNTY: Rankin

LOCATION DESCRIPTION: In fenced area on North St. in
Brandon

CASING DIA: _____ PUMP TYPE & SIZE: Turbine, 200 HP

GPS FIELD LOCATION: LAT. 32° 16' 49.1" LONG. 89° 59' 03.7"

GPS CORRECTED LOCATION: LAT. 32.280216 LONG. 89.984311

REMARKS: _____

