



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL SCHEDULE

FIPS: 121

WELL: M80

LOG NO.: _____

Recorded by: PP Data Source: Permit Driller's log Date: 11/2001

County: Rankin Permit No.: Gw15206 DOH No.: 0610041-03

Quad: Johns Elevation: 590

1/4: _____ 1/4: NW 1/4: SE 1/4: SE Sec.: 36 T: SN R: AE

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

Latitude: 32° 13' 32.2" Longitude: 89° 50' 15" GPS? 11/24/99 From Quad? _____

Primary aquifer: SPRT Secondary aquifer: _____

Use: WA Well status: Active Local well name: _____

Owner: ACL W.A.

Date completed: 1/5/98 Driller: Layne - Central Well depth: 1495 Hole Depth: 1517

Pump type: Turbine Power type: Electric Pump capacity: 440 gpm

Casing interval: 590 to -840 msl
0 - 1430 gl Casing length: 1430 Casing diameter: 12"

Casing interval: -760 to -825 msl
1350 - 1415 gl Casing length: 65 Casing diameter: 8"

Screen interval: -825 to -905 msl
1415 - 1495 gl Screen length: 80 Screen diameter: 8"

Screen interval: _____ Screen length: _____ Screen diameter: _____

Type of logs: _____ Log interval: _____

Initial water level: 463 Date: 1/5/98 M.P. description: _____

Water Quality Data? _____ Source: _____ Reliability: _____

Water Level Data? _____ Source: _____ Reliability: _____

Pump Test Data? _____ Source: _____ Reliability: _____

Water Use Data? _____ Source: _____ Reliability: _____

Water level data

Date	Time	Water Level (ft)	Notes
10/25/01	0800	11.5	
10/25/01	1200	11.8	
10/25/01	1600	12.1	
10/25/01	2000	12.4	
10/26/01	0600	12.7	
10/26/01	1000	13.0	
10/26/01	1400	13.3	
10/26/01	1800	13.6	
10/27/01	0600	13.9	
10/27/01	1000	14.2	
10/27/01	1400	14.5	
10/27/01	1800	14.8	

This area for location map and notes

Map of the study area showing the location of the water level gauging station. The station is located at the intersection of the main canal and the secondary canal. The map shows the surrounding terrain and the flow direction of the water. The water level data recorded at this station shows a steady increase in water level over the period of observation, consistent with the flow direction shown on the map.

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		PERMIT NUMBER MS-CW-15206
WELL NUMBER 2 M 80	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM Layne-Central
DATE WELL COMPLETED 1/5/98		Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER ACL Water Association			
PO Box 427			
Pelahatchie, MS 39145			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	36	5	N 4 E
DISTANCE	DIRECTION		NEAREST TOWN
7 Miles	South		Pelahatchie
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Rural Water Association			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, Turbine , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P 100		
Pump Capacity (GPM)	No. of Stages	Setting Depth
440	12	540 FT.
PUMP TEST		
Well yielded 440 GPM with a drawdown of 31 ft. after 4 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1495'	12"	1430'
Type of Casing	Hole Depth	Depth to Static Water Level
Steel	1517'	463'
TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed , Telescoped, Natural Development, Open Hole , Other (Describe)		
WELL GROUTED TO A DEPTH OF 1430 FEET Type Grout (circle one) Cement , Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric , Gamma Ray , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log Layne-Central	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
8"	80'	.020
Screen Type	Depth to Bottom - Feet	
SS WW	1495'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks 9-23-98A 1:20 RCVD			
Top of Lap Pipe or Reduction in Casing 1350 FEET		IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0	10	Clay - Sand Streaks	1002	1110
Sand - Pea Gravel	10	50	Lignite; Sand; Clay		
Sandy Clay - Lignite	50	193	Streaks	1110	1364
Lignite; Sand; Shale			Sandy Clay; Hard Shale	1364	1410
Streaks	193	330	Sand	1410	1495
Shale - Sandy Clay	330	710	Sandy Clay; Lime	1495	1517
Sand Clay Streaks	710	800			
Sandy Clay Shale	800	870			
Fine Sand; Clay Streak	870	1002			

IF MORE SPACE IS NEEDED, USE BACK

74200 clay

Cook Mtn

If well telescopes please
sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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

Pat 1124

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 11/24/99

UNIT DEQ #: _____ FILE #: 8112414A

HEALTH DEPT. #: 610041-03 (No tag) ELEV. 590

USGS #: M80 OLWR #: BW15206

OWNER: ACL W.A. QUAD: Johns

LOCATION: SE/SE S36 TEN R4E COUNTY: Rankin

LOCATION DESCRIPTION: Past chicken houses on gravel
road south of older well

CASING DIA: _____ PUMP TYPE & SIZE: Turbine; 100 HP

GPS FIELD LOCATION: LAT. 32° 13' 33.5" LONG. 89° 50' 15.4"

GPS CORRECTED LOCATION: LAT. 32.225615 LONG. 89.837492

REMARKS: _____

232

R. 4 E. 50' R. 5 E.

234

3048 IV SE
(PELAHATCHIE)

236

