



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL SCHEDULE

FIPS: 121

WELL: N43

LOG NO.:

Recorded by: PPhillips Data Source: Driller's log Date: 8/29/03

County: Rankin Permit No.: GW15883 DOH No.: 0610001-03?

Quad: Johns Elevation: 450'

1/4: NE 1/4: NE 1/4: SW Sec.: 27 T: SN R: SE

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

Latitude: Longitude: GPS? 8/27/03 From Quad?

Primary aquifer: SPRT Secondary aquifer:

Use: WA Well status: Local well name:

Owner: ACL Water Association, Inc.

Date completed: 4/17/03 Driller: Layne-Central Well depth: 1275' Hole Depth: 1290'

Pump type: T Power type: E Pump capacity: 500gpmHP: 125

Casing interval: 0-1210' Casing length: 1210' Casing diameter: 16" Casing type: S

Casing interval: 1150-1215 Casing length: 65' Casing diameter: 10" Casing type: S

Screen interval: 1215-1275' Screen length: 60' Screen diameter: 10" Screen type: SS

Screen interval: Screen length: Screen diameter: Screen type:

Type of logs: E, GR Log interval:

Initial water level: 313 Date: 4/17/03 M.P. description:


Water Quality Data? Source: Reliability:

Water Level Data? Source: Reliability:

Pump Test Data? Source: Reliability:

Water Use Data? Source: Reliability:

N-43

COUNTY WELL LOCATED <b>Rankin</b>		<b>MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY</b>	
WELL NUMBER <b>6</b>	CODED	PERMIT NUMBER <b>GW 15883</b>	Office of Land and Water Resources
		NAME OF DRILLING FIRM <b>Layne-Central</b>	P. O. Box 10631 Jackson, MS 39289-0631
		DATE WELL COMPLETED <b>4/17/2003</b>	Jackson, MS
NAME & ADDRESS OF LANDOWNER <b>ACL Water Association, Inc. ✓</b> <b>1182 Highway 43 South</b> <b>Pelahatchie, MS 39145</b>		<b>WATER WELL DRILLERS LOG</b>	
LATITUDE <b>N 32.24395</b>	PUMP DATA		
LONGITUDE <b>W 089.77427</b>	PUMP TYPE: Submersible <input type="checkbox"/> Turbine <input checked="" type="checkbox"/> Jet Flowing Well <input type="checkbox"/>		
WELL LOCATION SEC <b>27 ✓</b> TOWNSHIP <b>R 5N</b> RANGE <b>5E</b>	Other (Describe)		
DISTANCE <b>4</b> Miles DIRECTION <b>South</b> of NEAREST TOWN <b>Pelahatchie</b>	POWER TYPE: Electric <input checked="" type="checkbox"/> Tractor <input type="checkbox"/> Diesel <input type="checkbox"/> Gasoline <input type="checkbox"/> Butane <input type="checkbox"/>		
OTHER LANDMARK <b>South of Water Office on East Side of Hwy 43</b>	Other (Describe) H/P <b>125</b>		
WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.) <b>Rural Water Association</b> <i>for Hugh Dyfem</i>	DESCRIPTION OF FORMATIONS ENCOUNTERED		
<b>WELL DATA</b>		FROM	TO
Well Depth <b>1275'</b>	Casing Diameter (In.) <b>16"</b>	Casing Length (FL) <b>1210'</b>	<b>Sand 0 80</b>
Type of Casing <b>Steel</b>	Hole Depth <b>1275'</b>	Depth to Static <b>313'</b>	<b>Clay 80 95</b>
TYPE OF COMPLETION: Underreamed <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Telescoped <input type="checkbox"/> Natural Development <input type="checkbox"/> Other (Describe) <input type="checkbox"/> Open Hole <input type="checkbox"/>		<b>Sar d 95 110</b>	
WELL GROUTED TO A DEPTH OF <b>1210'</b> FEET		<b>Clay 110 470</b>	
Type Grout: Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix <input type="checkbox"/>		<b>Sar d 470 490</b>	
<b>SCREEN DATA</b>		<b>Clay 490 585</b>	
Diameter (In.) <b>10"</b>	Length (FL) <b>60'</b>	Slot Size (In.) <b>0.020"</b>	<b>Sand 585 675</b>
Screen Type <b>Stainless WR</b>	Depth to Bottom (FL) <b>1275'</b>	<b>Sandy Clay 675 760</b>	
I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.		<b>Clay with Sand Streaks 760 900</b>	
<b>LAYNE-CENTRAL</b>		<b>Sand 900 975</b>	
By: <i>Dave Cook</i>		<b>Clay with Sand Streaks 975 1140</b>	
Signature of Licensed Driller and License No.		<b>Sand 1140 1190</b>	
		<b>Clay 1190 1210</b>	
		<b>Sand 1210 1290</b>	
		<b>RECEIVED</b>	
		<b>APR 25 2003</b>	
		<b>BY: OLWR</b>	
		Top of Lap Pipe or IF TELESCOPED OR MORE THAN Reduction in Casing <b>1150</b> FEET ONE SCREEN, USE PAGE.	
		Date <b>4.22.03</b>	
Additional Information Required on Back			

If well telescopes, please sketch and show depths.

GROUND LEVEL


SECTION 27

Please indicate well location X.

Pump Capacity (GPM) <b>500</b>	No. of Stages <b>9</b>	Setting Depth (FL) <b>490</b>	
<b>PUMP TEST</b> Well yielded <u>590</u> GPM with a drawdown of <u>96.2</u> feet after <u>4</u> hours of pumping.			
<b>LOG DATA</b>			
TYPE OF LOG	No Log Run <input type="checkbox"/>	Electric <input checked="" type="checkbox"/>	
Gamma Ray <input checked="" type="checkbox"/>	Density <input type="checkbox"/>	Sonic <input type="checkbox"/>	
Other (Describe)			
Name of Organization Running Log			
<b>Layne-Central, Jackson, MS</b>			
<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			

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

Department of Environmental Quality  
Office of Land and Water Resources

Ground Water Permit  
General Report

IWI

601-546-2322

Permit Number: MS-GW-15883

County: RANKIN

Owner: ACL WATER ASSOCIATION, INC.

Aquifer: SPRT

USGS No: N0043

BOH No: N/A

Location: NE 1/4 of the SW 1/4 of SEC 27 TWN 05N RNG 05E Lat: 321433 Long: 894625

Quad: JOHNS

District: N/A

Date Issued: 14-OCT-02

Date Renewed:

27 5N 5E  
NW

Date Expired: 14-OCT-12

Applicant: ACL WATER ASSOCIATION, INC.

Owner: ACL WATER ASSOCIATION, INC.

Address 1: 1182 HIGHWAY 43 SOUTH

Address 1: 1182 HIGHWAY 43 SOUTH

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: PELAHATCHIE

City: PELAHATCHIE

State: MS Zip: 39145

State: MS Zip: 39145

Driller: LAYNE CENTRAL

Maximum Rate: 500

Amount Withdrawn Acre feet: 145.6415

Amount Withdrawn Mgd: .13

32.24274  
89.77385  
P000949

Use

RURAL WATER  
ASSOCIATION

Casing

Type: STEEL

Diameter: 16

Length: 1210

Screen

Type: STAINLESS STEEL

Diameter: 10

Length: 60

6 miles South  
of on Hy 43 - From Interstate  
2 1285 Hy 43  
Toward -

6

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S) : RLB

DATE :aug 27-2003

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

FILE # : \_\_\_\_\_

HEALTH DEPT. <sup>0610001-03 ?</sup>  
no tag on well

ELEVATION :

USGS # : n43

OLWR # :gw-15883

OWNER : acl water assoc.

QUAD :jjohns

LOCATION : ne sw S 27 T 5n R 5e COUNTY rankin

LOCATION DESCRIPTION : 6 miles south on hy 43 from i20. On <sup>east</sup> left side of road

CASING DIA : 16 PUMP TYPE & SIZE :TB


GPS FIELD LOCATION : LAT . 32.24274

LONG. -89.77385

GPS CORRECTED LOCATION : LAT

LONG.

REMARKS : p000949



acl water assoc. n43  
gw 15883 rankin co. aug 27-2003  
32.24274-89.77385

# TopoZone.com

Target is 32° 14' 33"N, 89° 46' 25"W - **JOHNS** quad [Quad Info]

