

Test Well # 1

STATE WELL REPORT

Part 1

Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P. O. Box 2309  
Jackson, MS 39225-2309  
(601)961-5210  
(601)360-0535 (fax)

For Office Use Only:

Well #: K58  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Attala  
Permit #: \_\_\_\_\_  
Driller: Walker-Hill Environmental, Inc.  
Date drilling completed: 7/20/16

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Well Owner Information (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Entergy (Attala Plant)</u>	Latitude: <u>33°01' 33"</u> Longitude: <u>89° 51' 06"</u>
Mailing Address: <u>2261 Attala Road 4969</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Sallis</u> MS <u>36160</u>	USGS quad <u>X</u> , Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>IR</u> <u>IR</u> <u>35</u> <u>1/4</u> <u>1/4</u> <u>36</u> T <u>14N</u> R <u>4E</u>
Telephone No. ( <u>601</u> ) <u>290-1306</u>	<u>5</u> Miles <u>W</u> of <u>Sallis</u> (Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 7/12/16 Date drilling completed: 7/20/16 Hole depth: 302' Hole diameter: 7.825"

Location of the source of any surface water used for drilling: N/A

Method of dosing and volume of Chlorine used in drilling and development: N/A

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_

Name of organization running log(s): MDEQ (Bureau of Geology)

Purpose of borehole (circle one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump  
Seismic Survey Other (describe) \_\_\_\_\_

*If drilling is not related to water well construction, skip the remainder of this block*

Purpose of Well (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture

Other (describe): Test Well # 1 (Entergy Attala Test Well #1 River Intake Structure)

If a flowing well, method of flow regulation: Valve N/A Other (describe) N/A

Static Water Level: 11.43 feet [above or below] land surface Date measured: 7/20/16  
(circle one)

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): \_\_\_\_\_

Well depth: 190' Well grouted to a depth of: 15 feet Type of grout (circle one): Neat Cement Bentonite (Mix)

Casing length: 110 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 70 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 0.010 inches Setting depth: From 110 feet to 180 feet

Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development

Other (describe): 20/40 Sand 10' PVC sump below well screen 180' -- 190'

Top of lap pipe or reduction in casing: N/A feet

If telescoped or more than one screen, describe on next page

Received

AUG 11 2016

Form: OLWR-SWR-1A (4/13)

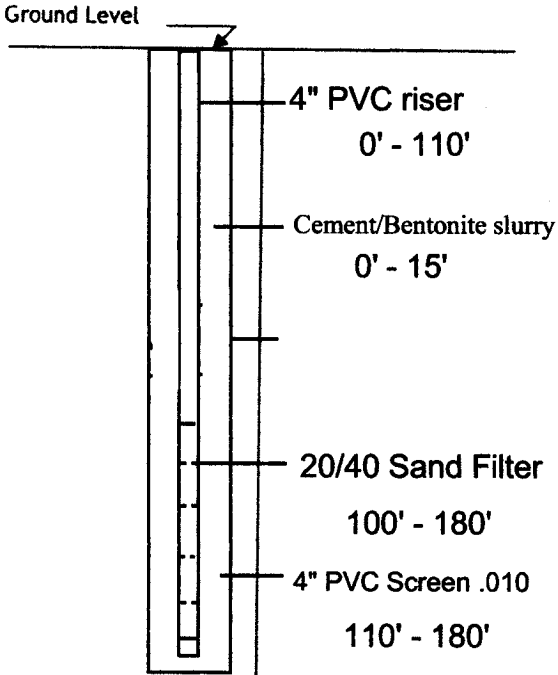
By OLWR

County: \_\_\_\_\_  
 Permit #: \_\_\_\_\_

**For Office Use Only:**  
 Well #: K58

*The sketch below only required for water wells*

*If well telescopes, show depths on sketch.*



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

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
sandy clay	Ground level	25
sandy clay mixed	25	60
sand fine	60	120
sand Med	120	180
sandy clay	180	240
clay hard sticky	240	302

Sketch the property layout and include the following:

- 1) the well location
- 2) any permanent structures on the property that may aid in locating the well
- 3) any roads, power lines, or other items that may aid in locating the property and the well
- 4) north arrow

**See Attached Site Map**

Site Address: 7969 Boyette Road (4101) Sallis, MS

Landowner Name: \_\_\_\_\_

I HEREBY CERTIFY that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

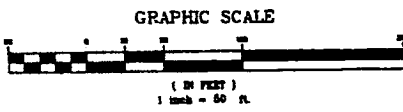
Gary P. Hill                      0-578                      8/8/16  
 Print Name of Responsible Licensee and License No.                      Date

*Gary P. Hill* Received  
 Signature of Licensee

By OLWR

K58

1" = 50'  
 CLASS "B" SURVEY  
 CLASS "B" SPECIFICATIONS  
 DATE OF FIELD SURVEY:  
 11/20/01  
 11/28/01

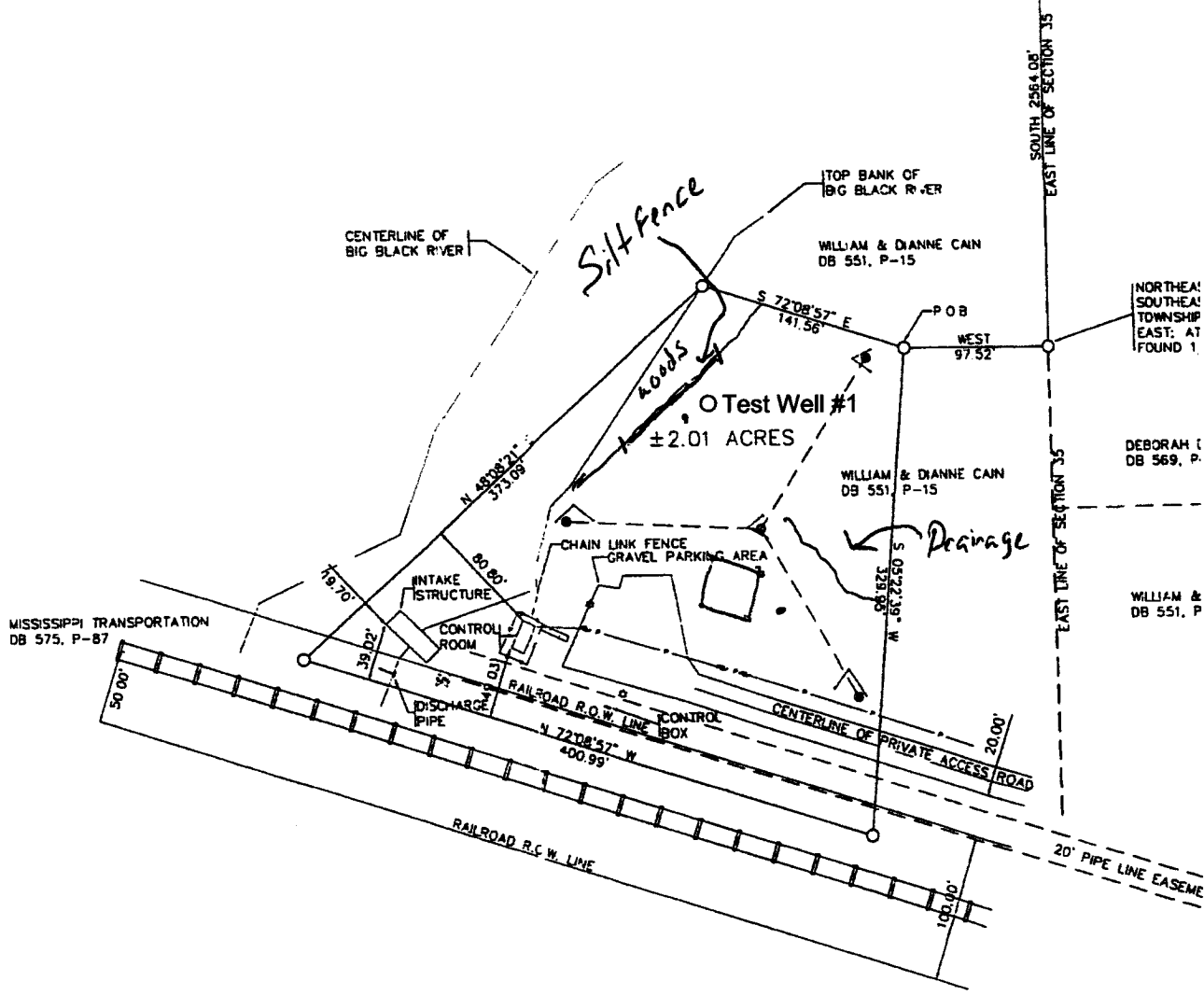


P.O.C.  
 NORTHEAST CORN  
 SECTION 35, TOM  
 NORTH, RANGE 4  
 ATTALA COUNTY,  
 FOUND 1/2" REB.

NOTE: ALL BEARINGS & P.O.P.  
 ON THIS PLAN WERE BASED ON  
 THE EAST LINE OF SECTION 36,  
 TOWNSHIP 14 NORTH, RANGE 4  
 EAST, ATTALA COUNTY, MISSISSIPPI

REFERENCE MATERIALS:  
 (1) DB 551, P-15  
 (2) DB 569, P-423  
 (3) DB 575, P-87

NOTE: ALL CORNERS ARE SET 1/2"  
 REBARS UNLESS INDICATED



LEGEND	
○	TOWER
●	GUIDE WIRE
⊠	VALVE
•	METAL POST
⊕	LAMP POLE
⊓	POWER POLE

Received  
 AUG 11 2016  
 By OLWR