

County: Holmes  
 Permit #: MS-GW-16720  
 Driller: Adute Jones  
 Date drilling completed: 11-25-11

**State Well Report**  
**Part I - Driller's Log**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2307  
 Jackson, MS 39225  
 (601)961-5210  
 (601)961-5228 (fax)

0260001-03  
 For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: C24  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

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.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Acana Water Association</u>	Latitude: <u>33° 14.00' 51.76"</u> Longitude: <u>90° 04' 50.44"</u>
Mailing Address: <u>P.O. Box 596</u>	Method of 1 st/Long (circle one): <u>Conventional Survey</u> <u>50</u>
<u>Tchulz</u> <u>MS</u> <u>39156</u>	USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>NE 1/4 SW 1/4 Sec 15 Twp 16 N Rng 2 E</u>
Telephone No. <u>(601) 665-4095</u>	Distance Direction Nearest Town <u>10</u> Miles <u>SE</u> of <u>Cruger</u>

**Well / Borehole Data**

Date drilling started: 9-29-11 Date drilling completed: 11-25-11 Hole depth: 1162' Hole diameter: 23'

Location of the source of any surface water used for drilling: Acana water supply

Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_

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

Name of organization running log(s): Geology

Purpose of borehole (check one): Water Well Y 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 (check one): Home \_\_\_ Industrial \_\_\_ Public Supply X Irrigation \_\_\_ Fish Culture \_\_\_ Other: \_\_\_\_\_

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

Static Water Level: 142' feet above or below (circle one) land surface Date measured: 11-25-11

Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_

Well depth: 1162' Well grouted to a depth of \_\_\_ feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 1625 feet Casing diameter: 12 inches Type of casing: steel

Screen length: 40 feet Screen diameter: 8 inches Type of screen: stainless steel

Screen slot size: .010 inches Setting depth: From 1030 feet to 1070 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development  
 Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: 942 feet *If telescoped or more than one screen, describe on next page*



# STATE WELL REPORT

## Part 2

**Pump Installer's Completion Report**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2309  
 Jackson, MS 39225  
 (601)961-5210  
 (601)961-5228 (fax)

### For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: C24  
 Elevation: \_\_\_\_\_

County: Holmes  
 Permit #: \_\_\_\_\_  
 Driller: John Kybolt IV  
 Date completed: 2-22-12  
 Copy information from block on Part 1

*This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.*

### Well Owner Information

Owner Name: Acorn Water Association  
 Mailing Address: P.O. Box 596  
Tehulz MS 39196  
 City State Zip Code  
 Telephone No. (601) 665-4095

### Well Location

Latitude: N33° 14.00 51.76" Longitude: W90° 04' 50.42"  
 Method of Lat/Long (check one): Conventional Survey \_\_\_\_\_  
 USGS quad \_\_\_\_\_ Hand-held GPS  Survey-grade GPS \_\_\_\_\_  
NE 1/4 SW 1/4 Sec 15 T 16N R 2E  
 Distance Direction Nearest Town  
10 Miles SE of Cruger

### Pump Type

Circle one

Air Lift Jet Submersible  
 Bucket Piston Turbine  
 Centrifugal Rotary Flowing Well  
 Other (specify): \_\_\_\_\_

Date Pump Installed: 2-22-12  
 Rated Pump Capacity: 300 Gallons Per Minute

### Power Type

Circle one

Diesel Engine Gasoline Engine Natural Gas  
Electric Motor Hand Tractor PTO  
 Windmill Other (specify): \_\_\_\_\_

Horse Power Rating of Motor: 50  
 Setting Depth: 220 feet  
 Number of Stages: 8

### Pump Test Data

Date Well Tested: 3-21-12  
 Static Water Level (A): 142 Feet Below Land Surface  
 Pumping Water Level (B): 166 Feet Below Land Surface  
 Drawdown [(B) - (A)]: 24 Feet Below Land Surface  
 Test Pumping Rate: 450 Gallons Per Minute  
 Duration of Pump Test (minimum 4 hours): 4 hours

### Method of Measuring Water Level

Circle one

Air Line Electric Measuring Line Steel Tape  
 Other (specify): \_\_\_\_\_  
 For flowing well, measured shut in head: N/A feet  
 Well yielded 450 GPM with a drawdown of  
24 feet after 4 hours of pumping

I HEREBY CERTIFY that the above statements are true to the best of my knowledge

Clayton Miller 0-703  
 Print Name of Pump Installer and License No. (if applicable)

Clayton Miller  
 Signature of Pump Installer