

# State Well Report

## Part 1

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 10631  
Jackson, MS 39289-0631  
(601)961-5210  
(601)354-6938 (fax)

For Office Use Only:

Aquifer: \_\_\_\_\_  
Well #: G118  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Sunflower  
Permit #: GW-39756  
Irrigation Equipment  
Driller: \_\_\_\_\_  
Date drilling completed: 8-3-04

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information	Well Location
Owner Name <u>Ms. Bonita Metcalfe</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>520 Hillcrest Circle</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Cleveland, MS 38732</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec <u>18</u> Twn <u>21N</u> Rng <u>4W</u>
<u>662-843-1531</u>	Distance Direction Nearest Town
Telephone No. ( ) _____	<u>2</u> Miles <u>NW</u> of <u>Linn</u>

**Well Data**

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: \_\_\_\_\_

Date well drilling started: 8-3-04 Date well drilling completed: 8-3-04

If flowing, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 48ft. feet above or below (circle one) land surface Date measured: 8-3-04

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

Hole depth: 116 Well depth: 116 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement  Bentonite  Mix

Casing length: 76 feet Casing diameter: 16 inches Type of casing: PVC Sch. 40

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC Sch. 40

Screen slot size: .050 inches Setting depth: From 77 feet to 116 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: \_\_\_\_\_ feet. If telescoped or more than one screen, describe on back of page

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

Name of organization running log(s): \_\_\_\_\_

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.

Irrigation Equipment Inc.  
Patrick M. Chism 0695

Print Name of Water Well Contractor and License No. \_\_\_\_\_

Signature of Water Well Contractor Patrick M Chism

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BY: OLWR

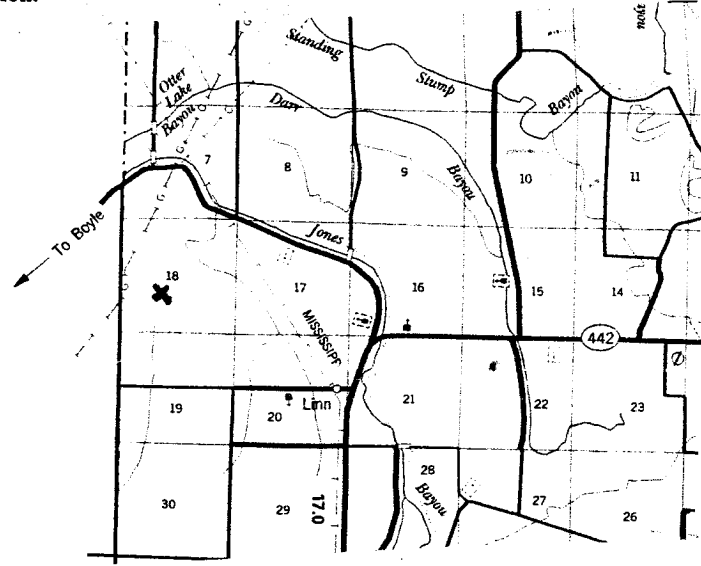
If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
Clay	0	28
Fine Sand	29	35
Fine Sand/gravel	36	50
Med. Sand/gravel	51	116

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

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) indicate direction.



Landowner Name: Bonita Metcalfe

Patrick M. Cham  
Signature of Water Well Contractor

# STATE WELL REPORT

## Part 2

**Pump Installer's Completion Report**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 10631  
 Jackson, MS 39289-0631  
 (601)961-5210  
 (601)354-6938 (fax)

For Office Use Only:

Aquifer: \_\_\_\_\_

Well #:   G118  

Elevation: \_\_\_\_\_

County:   Sunflower    
 Permit #: \_\_\_\_\_  
 Irrigation Equipment  
 Driller: \_\_\_\_\_  
 Date completed:   8-3-04  

**This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.**

Well Owner Information	Well Location
Owner Name: <u>  Ms. Bonita Metcalfe  </u>	Latitude: _____ Longitude: _____
Mailing Address: <u>  520 Hillcrest  </u>	Method of Lat/Long (circle one): Conventional Survey,
<u>  Cleveland, MS 38732  </u>	USGS quad, Hand-held GPS, Survey-grade GPS
City                      State                      Zip Code	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec <u>  18  </u> Twn <u>  21N  </u> Rng <u>  4W  </u>
Telephone No. (____) _____	Distance                      Direction                      Nearest Town
	<u>  2  </u> Miles <u>  NW  </u> of <u>  Linn  </u>

Pump Type Circle one	Power Type Circle one
Air Lift                      Jet                      Submersible	<u>  Diesel Engine  </u> Gasoline Engine                      Natural Gas
Bucket                      Piston <u>  Turbine  </u>	Electric Motor                      Hand                      Tractor PTO
Centrifugal                      Rotary                      Flowing Well	Windmill                      Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>  60  </u>
Date Pump Installed: <u>  8-3-04  </u>	Setting Depth: <u>  70  </u> feet
Rated Pump Capacity: <u>  2500-3000  </u> Gallons Per Minute	Number of Stages: <u>  1  </u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>  8-3-04  </u>	Air Line                      Electric Measuring Line <u>  Steel Tape  </u>
Static Water Level (A): <u>  48  </u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of
Test Pumping Rate: _____ Gallons Per Minute	_____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

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

  Patrick M. Chism 0695  

Print Name of Pump Installer and License No. (if applicable)

  Patrick M Chism    
 Signature of Pump Installer

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AUG 13 2004

BY: OLWR