

County: Sunflower  
 Permit #: \_\_\_\_\_  
 Driller: Charles M. Nichols  
 Date drilling completed: 10-25-10

**State Well Report**  
**Part 1 - Driller's Log**  
 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: S 182  
 Well #: \_\_\_\_\_  
 L. S. Elevation: \_\_\_\_\_  
 B-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>Dee Bradshaw</u>	Latitude: <u>33° 32' 30" N</u> Longitude: <u>90° 27' 00" W</u>
Mailing Address: <u>408 Blaine Rd</u>	Method of Lat/Long (circle one): Conventional Survey, <u>Hand-held GPS</u>
<u>Sunflower</u> Ms. <u>38778</u>	USGS quad: <u>S2 v. SW</u> , Sec <u>0</u> Twp <u>19N</u> Rng <u>2W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. ( ) _____	<u>4</u> Miles <u>East</u> of <u>Sunflower</u>

**Well / Borehole Data**

Date drilling started: 10-25-10 Date drilling completed: 10-25-10 Hole depth: 80 Hole diameter: 7 7/8

Location of the source of any surface water used for drilling: Shop

Method of dosing and volume of Chlorine used in drilling and development: HTH

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

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

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

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

Static Water Level: 51 feet above or below (circle one) land surface Date measured: 10-25-10

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

Well depth: 80 Well grouted to a depth of 20 feet Type of grout (circle one): Neat Cement  Bentonite \_\_\_\_\_ Mix \_\_\_\_\_

Casing length: 60 feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 20 feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: .010 inches Setting depth: From 60 feet to 80 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 next page*



Schedule  
1-8-11

### 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)

County: Sunflower  
 Permit #: \_\_\_\_\_  
 Driller: Charles M. Nichols  
 Date completed: 10-25-10  
 Copy information from block on Part 1

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: \_\_\_\_\_  
 Elevation: \_\_\_\_\_

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	Well Location
Owner Name: <u>Dee Bradshaw</u>	Latitude: <u>33° 32' 30.72" N</u> Longitude: <u>90° 27' 10.03" W</u>
Mailing Address: <u>408 Blaine Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Sunflower MS. 38778</u>	USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec _____ T _____ R _____
Telephone No. ( ) _____	Distance Direction Nearest Town
	<u>4 Miles East of Sunflower</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1/2 Hp.</u>
Date Pump Installed: <u>10-25-10</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>5</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line <input checked="" type="radio"/> Electric Measuring Line <input checked="" type="radio"/> Steel Tape
Static Water Level (A): _____ Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>51</u> 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 _____ feet after _____ hours of pumping
Test Pumping Rate: _____ Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): _____ hours	

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

Charles M. Nichols 2-0667  
Print Name of Pump Installer and License No. (if applicable)

Charles M. Nichols  
Signature of Pump Installer