

# 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 #: H-181  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Sunflower  
Permit #: 0-046927  
Irrigation Equipment  
Driller: \_\_\_\_\_  
Date drilling completed: 3-27-08

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>Arant Acres</u>	Latitude: <u>33° 43' 10.0"</u> Longitude: <u>90° 27' 55.7"</u>
Mailing Address: <u>3731 Hwy 8 East</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Ruleville Ms. 38771</u>	<u>NE 1/4 NW 1/4 Sec 1</u> ✓ Twn <u>21N</u> ✓ Rng <u>3W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(662) 756-2034</u>	<u>4</u> Miles <u>East</u> of <u>Ruleville</u>

Well Data	
Purpose of Well (circle one) Home Industrial Public Supply <u>Irrigation</u> Fish Culture <u>Other</u> <u>Replacement</u>	Old Well 12' East
Date well drilling started: <u>3-27-08</u>	Date well drilling completed: <u>3-27-08</u>
If flowing, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>50</u> feet above or <u>below</u> (circle one) land surface	Date measured: <u>4-9-08</u>
Method of Measurement (circle one) <u>steel tape</u> electric tape air line other: _____	
Hole depth: <u>127</u> Well depth: <u>127</u> Well grouted to a depth of <u>10</u> feet	
Type of grout (circle one): Cement <u>Bentonite</u> Mix	
Casing length: <u>87</u> feet Casing diameter: <u>16</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>40</u> feet Screen diameter: <u>16</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>.050</u> inches Setting depth: From <u>88</u> feet to <u>127</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> 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): <u>No log run</u> 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

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BY: OLWR

H-181

If well telescopes please sketch below and show depths.

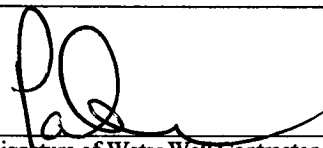
Ground Level

Description of Formations Encountered	From	To
Clay	0	21
Fine Sand	22	38
Fine Sand + Gravel	39	49
Medium Sand + Gravel	50	127

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: Arant Acres

  
Signature of Water Well Contractor

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# 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 #: \_\_\_\_\_  
 Irrigation Equipment  
 Driller: \_\_\_\_\_  
 Date completed: 3-27-08

For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: H-181  
 Elevation: \_\_\_\_\_

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>Arant Acres</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>3731 Hwy 8 East</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Ruleville Ms. 38771</u> City State Zip Code	<u>NE 1/4 NW 1/4 Sec 1 Twn 21N Rng 3W</u>
Telephone No. <u>(662) 756-2034</u>	Distance Direction Nearest Town <u>4 Miles East of Ruleville</u>

Pump Type Circle one	Power Type Circle one
Air Lift            Jet            Submersible	<input checked="" type="radio"/> Diesel Engine    Gasoline Engine    Natural Gas
Bucket            Piston <input checked="" type="radio"/> Turbine	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>4-9-08</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>2300 ±</u> Gallons Per Minute	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line            Electric Measuring Line            Steel Tape
Static Water Level (A): _____ 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 _____ 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.

Patrick M. Chism            0695  
 Print Name of Pump Installer and License No. (if applicable)            Signature of Pump Installer

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 APR 14 2008  
 BY: OLWR