

**State Well Report  
Part I**

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 drilling completed: 10-10-07

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: K-127  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

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>Arrow Brook/Sunflower Farm</u>	Latitude: <u>33° 34' 47.7"</u> Longitude: <u>90° 33' 46.1"</u>
Mailing Address: <u>40 Charles Sullivan</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>P.O. Box 98</u>	USGS quad, Hand-held GPS, Survey-grade GPS
<u>Inverness Ms. 38753</u>	<u>NE 1/4 NW 1/4 Sec 13</u> Twp <u>20N</u> Rng <u>4W</u>
City State Zip Code	SE Distance Direction Nearest Town
Telephone No. <u>662-265-5209</u>	<u>3</u> Miles <u>NW</u> of <u>Sunflower</u>

**Well Data**

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

Date well drilling started: 10-10-07 Date well drilling completed: 10-10-07

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

Static Water Level: 24 feet above or below (circle one) land surface Date measured: 10-10-07

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

Hole depth: 134 Well depth: 134 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 94 feet Casing diameter: 16 inches Type of casing: PVC

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

Screen slot size: .050 inches Setting depth: From \_\_\_\_\_ feet to \_\_\_\_\_ 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

*[Signature]*

NOV 14 2007

Print Name of Water Well Contractor and License No.

Signature of Water Well Contractor

K-127

If well telescopes please sketch below and show depths.

Ground Level


Description of Formations Encountered	From	To
Clay	0	31
Fine Sand	32	38
Fine Sand + Gravel	39	48
Medium Sand + Gravel	49	93
Fine Sand + Gravel	94	113
Medium Sand + Gravel	114	134
Screen 74-93		
Screen 115-134		

Blanked  
20'

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: Arrow Brook

  
Signature of Water Well Contractor

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MAY 14 2007  
BY: OLVR

# 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)854-6938 (fax)

For Office Use Only:

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

Well #: K-127

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

County: Sunflower  
 Permit #: \_\_\_\_\_  
 Irrigation Equipment  
 Driller: \_\_\_\_\_  
 Date completed: 10-10-07

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>Arrow Brook/Sunflower Farm</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>C/O Charles Sullivan</u> <u>P.O. Box 98</u> <u>Inverness Ms. 38753</u> <small>City State Zip Code</small>	Method of Lat/Long (circle one): <input type="checkbox"/> Conventional Survey, <input type="checkbox"/> USGS quad, <input type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
Telephone No. <u>662-265-5209</u>	<u>NE 1/4 NW 1/4 Sec. 13 Twn 20N Rng 4W</u>
	Distance Direction Nearest Town <u>3 Miles NW of Sunflower</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/>	<input checked="" type="checkbox"/> Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> <input checked="" type="checkbox"/> Turbine <input type="checkbox"/>	Electric Motor <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>10-10-07</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>2800 ±</u> Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	<input type="checkbox"/> Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> 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.

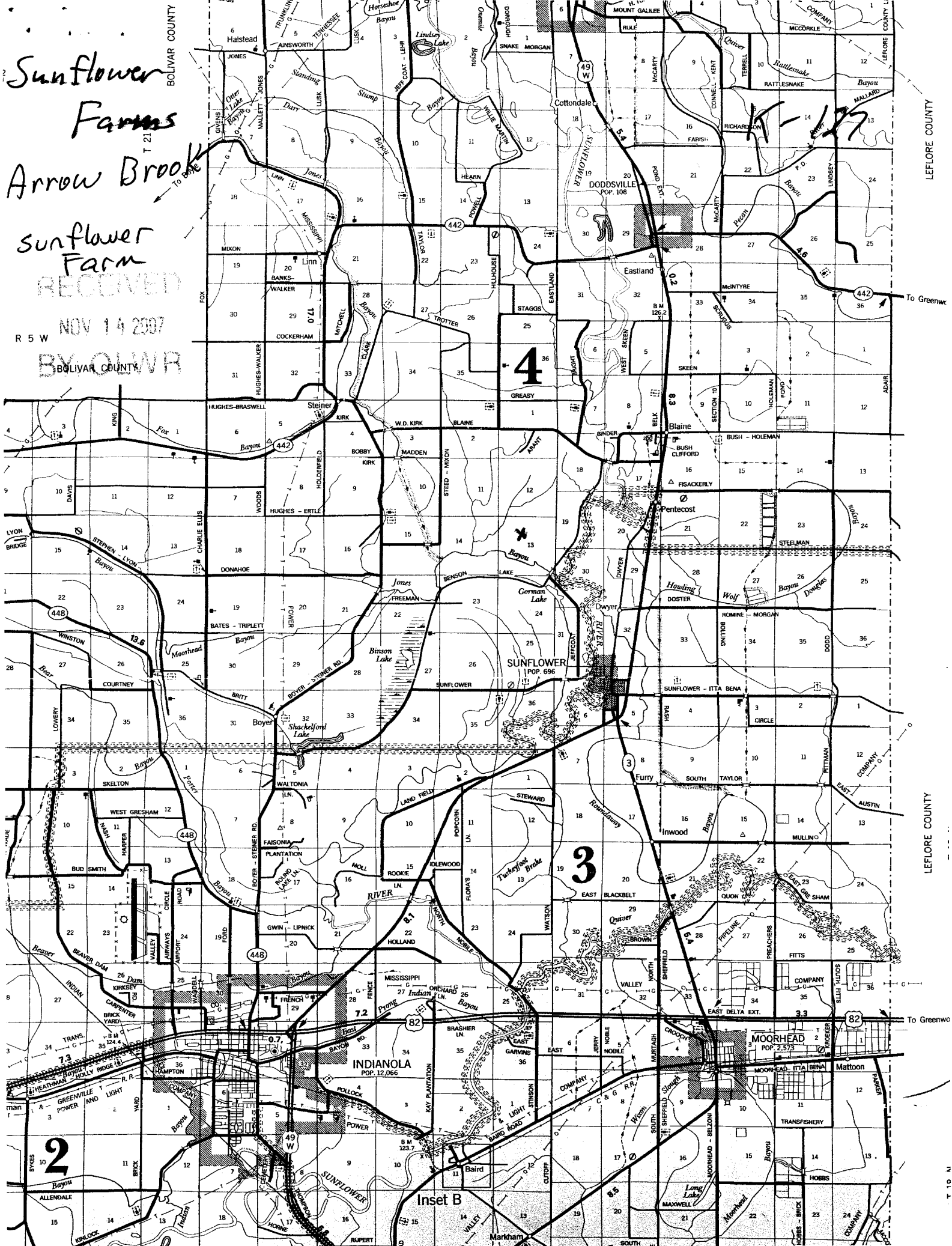
Patrick M. Chism 0695  
 Print Name of Pump Installer and License No. (if applicable)

[Signature]  
 Signature of Pump Installer

RECEIVED  
 OCT 14 2007  
 BY: OLWR

Sunflower Farms  
Arrow Brook

Sunflower Farm  
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BOLIVAR COUNTY



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Inset B