

County: Sunflower
 Permit #: GW-448911
 Driller: Irrigation Equipment
 Date drilling completed: 6-24-11

State Well Report
Part 1 - Driller's Log
 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: K14L
 Well #: _____
 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>Ambrose McKinny</u>	Latitude: <u>33° 33' 15.2"</u> Longitude: <u>90° 35' 32.0"</u>
Mailing Address: <u>P.O. Box 734</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Sunflower</u> <u>MS</u> <u>38778</u>	<u>SW</u> 1/4 <u>NE</u> 1/4 Sec <u>27</u> Twn <u>20N</u> Rng <u>4W</u>
City State Zip Code	SE Distance Direction Nearest Town <u>3</u> Miles <u>NW</u> of <u>Sunflower</u>
Telephone No. () _____	

Well / Borehole Data

Date drilling started: 6-24-11 Date drilling completed: 6-24-11 Hole depth: 124 Hole diameter: 18"

Location of the source of any surface water used for drilling: Surface Water

Method of dosing and volume of Chlorine used in drilling and development: 50 PPM

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: 45 feet above or below (circle one) land surface Date measured: 6-25-11

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

Well depth: 124 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 84 feet Casing diameter: 10 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 10 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 85 feet to 124 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*

County: Sunflower
 Permit #: GW-44891
 Irrigation Equipment
 Driller: _____
 Date completed: 6-24-11
 Copy information from block on Part 1

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 #: K146
 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>Ambrose M^cKinney</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>P.O. Box 734</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	<u>SW 1/4 NE 1/4 Sec 27 T20N R 4W</u>
Telephone No. () _____	Distance _____ Miles Direction <u>NW</u> of Nearest Town <u>Sunflower</u>

Pump Type	Power Type
Circle one	Circle one
Air Lift <input type="checkbox"/>	Diesel Engine <input type="checkbox"/>
Jet <input type="checkbox"/>	Gasoline Engine <input type="checkbox"/>
<u>Submersible</u> <input checked="" type="checkbox"/>	Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/>	<u>Electric Motor</u> <input checked="" type="checkbox"/>
Piston <input type="checkbox"/>	Hand <input checked="" type="checkbox"/>
Turbine <input type="checkbox"/>	Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/>	Windmill <input type="checkbox"/>
Rotary <input type="checkbox"/>	Other (specify): _____
Flowing Well <input type="checkbox"/>	Horse Power Rating of Motor: <u>10</u>
Other (specify): _____	Setting Depth: <u>70</u> feet
Date Pump Installed: <u>6-25-11</u>	Number of Stages: <u>1</u>
Rated Pump Capacity: <u>500 ±</u> Gallons Per Minute	

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

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

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