County: Bolivar
Permit #: GW-44168
Driller: Irrigation Equipment
Date drilling completed: 4-20-10

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: T 208
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)

Owner Name: Duke Morgan Sr.
Mailing Address: 2612 Hwy 448
Shaw (City) Ms. (State) 38773 (Zip Code)
Telephone No. (662) 719-3389

Well or Borehole Location

Latitude: 33° 35' 40.0 Longitude: 90° 49' 41.2"
Method of Lat/Long (circle one): Conventional Survey, USGS quad, (Hand-held GPS) Survey-grade GPS
SE ¼ NW ¼ Sec 9 Twn 20N Rng 6W
Distance 3 Miles Direction W of Nearest Town Shaw

Well / Borehole Data

Date drilling started: 4-20-10 Date drilling completed: 4-20-10 Hole depth: 135 Hole diameter: 24"
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 Pivot ✓ Fish Culture ___ (Other:) Replacement
If a flowing well, method of flow regulation: Valve ___ Other (describe)
Static Water Level: 32 feet above or (below) (circle one) land surface Date measured: 4-21-10
Method of Measurement (circle one) (steel tape) electric tape air line other:
Well depth: 135 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement (Bentonite) Mix
Casing length: 95 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 See back 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 next page*

Form: OLWR-SWR-1A (04/08)

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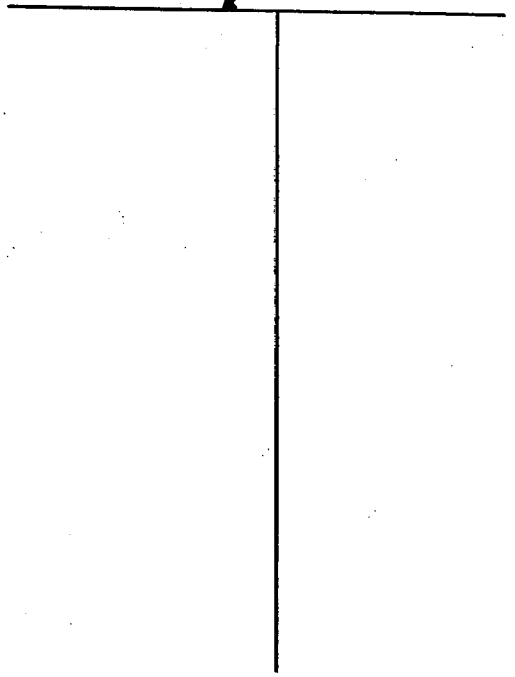
The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level



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

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground Level	23
Fine Sand	24	39
Fine Sand & Gravel	40	53
Medium Sand & Gravel	54	96
Fine Sand & Gravel	97	112
Medium Sand & Gravel	113	135
Screen: .050		
(76-95) 20'		
(96-115) 20' Blanked		
(116-135) 20'		

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) a north arrow.

Landowner Name: Duke Morgan Sr.

Form: OLWR-SWR-1A (04/08)

I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Patrick M. Chism 0695

Print Name of Responsible Licensee and License No. **Date** **Signature of Licensee**

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County: Bolivar
Permit #: GW-44168
Irrigation Equipment
Driller:
Date completed: 4-20-10
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: T208
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
Owner Name: Duke Morgan Sr.
Mailing Address: 2612 Hwy 448
Shaw Ms. 38773
City State Zip Code
Telephone No. 662) 719-3389

Well Location
Latitude: Longitude:
Method of Lat/Long (check one): Conventional Survey___, USGS quad___, Hand-held GPS✓, Survey-grade GPS___
SE ¼ NW ¼ Sec 9 T 20N R 6W
Distance 3 Miles Direction W of Nearest Town Shaw

Pump Type (Circle one)
Air Lift | Jet | Submersible
Bucket | Piston | (Turbine)
Centrifugal | Rotary | Flowing Well
Other (specify):
Date Pump Installed: 4-21-10
Rated Pump Capacity: Gallons Per Minute

Power Type (Circle one)
(Diesel Engine) | Gasoline Engine | Natural Gas
Electric Motor | Hand | Tractor PTO
Windmill | Other (specify):
Horse Power Rating of Motor: 150
Setting Depth: 70 feet
Number of Stages: 3

Pump Test Data
Date Well Tested:
Static Water Level (A): Feet Below Land Surface
Pumping Water Level (B): Feet Below Land Surface
Drawdown [(B) – (A)]: Feet Below Land Surface
Test Pumping Rate: Gallons Per Minute
Duration of Pump Test (minimum 4 hours): hours

Method of Measuring Water Level (Circle one)
Air Line | Electric Measuring Line | Steel Tape
Other (specify):
For flowing well, measured shut in head: feet
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

Form: OLWR-SWR-1C (07-09)

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