County: Desoto
Permit #: GW 16290
Driller: James W. Mason
Date drilling completed: 5-22-06

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:
Well #: B-85
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: Desoto County Schools
Mailing Address: Southaven High School
899 Rasco Rd.
Southaven MS 38671
City State Zip Code
Telephone No. (662) 393-9300

Well or Borehole Location

Latitude: 34 ° 58 ' 553" Longitude: 90 ° 00 ' 390"
33 23
Method of Lat/Long (circle one): Conventional Survey, USGS quad, (Hand-held GPS), Survey-grade GPS
NE ¼ NE ¼ Sec 26 Twn 1S Rng 8W
NW NW 25
Distance Direction Nearest Town
1/2 Miles E of Hwy 51

Well / Borehole Data

Date drilling started: 5-22-06 Date drilling completed: 5-22-06 Hole depth: 390 Hole diameter: 10"

Location of the source of any surface water used for drilling: NA
Method of dosing and volume of Chlorine used in drilling and development: NA

Logs run (circle all applicable): ~~No log run~~ Electric Gamma Ray Density Sonic Neutron Other:
Name of organization running log(s): NA

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 NA Other (describe)

Static Water Level: 85 feet above or below (circle one) land surface Date measured: 6-10-06

Method of Measurement (circle one) steel tape electric tape air line other: string/weight

Well depth: 390 Well grouted to a depth of 50 feet Type of grout (circle one): Neat Cement (Bentonite) Mix

Casing length: 330 feet Casing diameter: 6 inches Type of casing: pvc

Screen length: 60 feet Screen diameter: 6 inches Type of screen: pvc

Screen slot size: .010 inches Setting depth: From 330 feet to 390 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: NA feet. ***If telescoped or more than one screen, describe on next page***

Form: OLWR-SWR-1A

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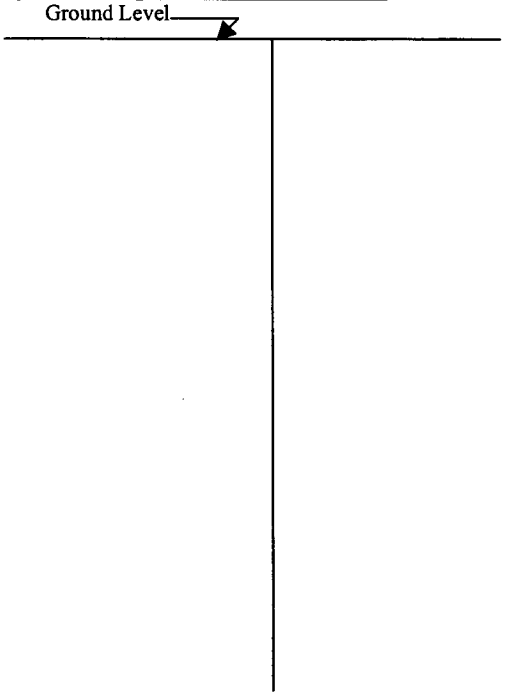
B-85

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level

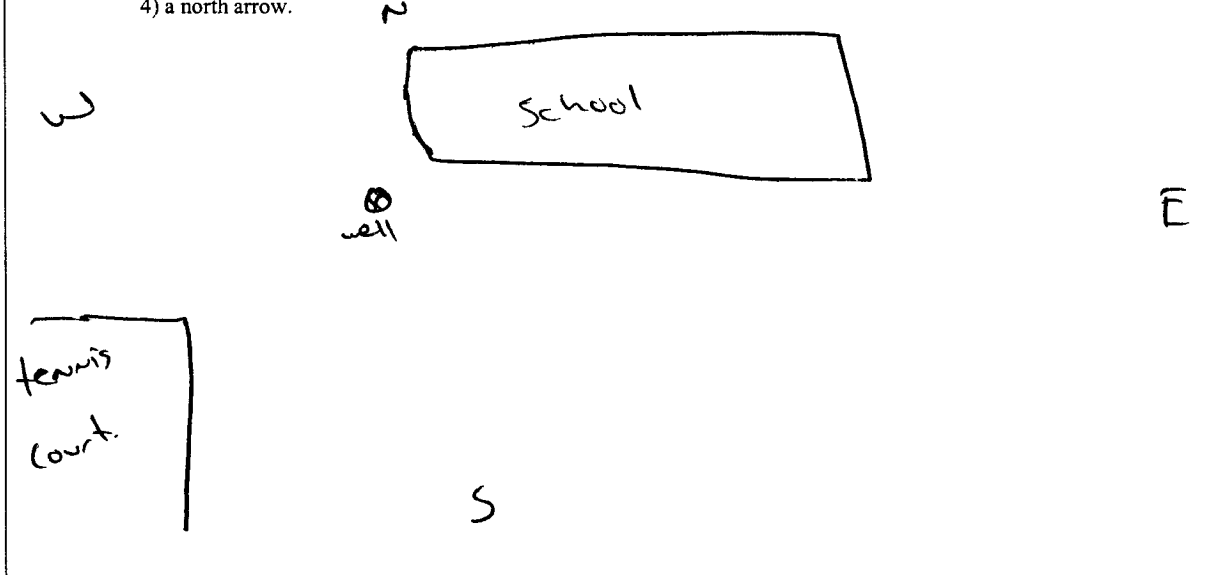


If more than one screen, show location of each on sketch

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 dirt	Ground Level	30
gravel	30	35
Blue clay	35	200
fine sand	200	360
Blue clay	360	310
white sand	310	390

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: Desoto County Schools.

Form: OLWR-SWR-1A

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.

James W. Mann 0-630 | 6-19-06 | James W. Mann

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

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: Desoto
Permit #: G0162900
Driller: Jones W. Mason
Date completed: 6-10-06
Copy information from block on Part 1

For Office Use Only:
Aquifer:
Well #: B-85
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: Desoto County Schools
Mailing Address: Southaven High School
899 Rasco Rd.
Southaven MS 38671
City State Zip Code
Telephone No. (662) 393-9300

Well Location

Latitude: 34·58·553 (33) Longitude: 90·00·390 (23)
Method of Lat/Long (check one): Conventional Survey___, USGS quad___, Hand-held GPS✓, Survey-grade GPS___
~~NE~~ NW ¼ ~~NE~~ NW ¼ Sec ~~26~~ 29 T 1S R 8W
Distance Direction Nearest Town
½ Miles E of Hwy 51

Pump Type
Circle one

Air Lift	Jet	(Submersible)
Bucket	Piston	Turbine
Centrifugal	Rotary	Flowing Well

Other (specify): ___
Date Pump Installed: 6-10-06
Rated Pump Capacity: 150 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: 15 hp.
Setting Depth: 126 feet
Number of Stages: 6

Pump Test Data

Date Well Tested: 6-10-06
Static Water Level (A): 80 Feet Below Land Surface
Pumping Water Level (B): NA Feet Below Land Surface
Drawdown [(B) – (A)]: NA Feet Below Land Surface
Test Pumping Rate: 150 Gallons Per Minute
Duration of Pump Test (minimum 4 hours): 24 hours

Method of Measuring Water Level
Circle one

Air Line Electric Measuring Line Steel Tape
Other (specify): String (weight
For flowing well, measured shut in head: NA feet
Well yielded 150 GPM with a drawdown of
NA feet after 24 hours of pumping

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

Jones W. Mason
Print Name of Pump Installer and License No. (if applicable)

Jones W. Mason
Signature of Pump Installer

Form OLWR SWR-1B

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