

State Well Report

Part 1

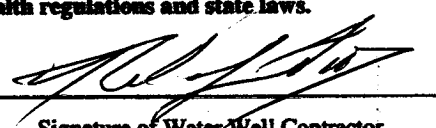
Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631
(601)961-5210
(601)354-6938 (fax)

For Office Use Only:

Aquifer: _____
Well #: D-104
L. S. Elevation: _____
E-log #: _____

County: DESOTO
Permit #: _____
Driller: BOB SMITH
Date drilling completed: 8-18-05

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>DESOTO COUNTY</u>		Latitude: _____ Longitude: _____	
Mailing Address: <u>SCHOOL</u> <u>KINK RD</u> <u>OLIVE BRANCH MS. 38654</u> City State Zip Code		Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS _____ 1/4 _____ 1/4 Sec. <u>F-19</u> Twn <u>T15</u> Rng <u>R5W</u>	
Telephone No. () _____		Distance Direction Nearest Town <u>2</u> Miles <u>NE</u> of <u>OLIVE BRANCH</u>	
Well Data			
Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: <u>SCHOOL</u>			
Date well drilling started: <u>8-18-05</u> Date well drilling completed: <u>8-18-05</u>			
If flowing, method of flow regulation: Valve _____ Other (describe) _____			
Static Water Level: <u>75</u> feet above or <u>(below)</u> (circle one) land surface Date measured: <u>8-18-05</u>			
Method of Measurement (circle one) steel tape <u>(electric tape)</u> air line other: _____			
Hole depth: <u>205</u> Well depth: <u>205</u> Well grouted to a depth of <u>10</u> feet			
Type of grout (circle one): <u>(Cement)</u> Bentonite Mix			
Casing length: <u>75</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>			
Screen length: <u>30</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>			
Screen slot size: <u>1/4 THOUS.</u> inches Setting depth: From <u>75</u> feet to <u>205</u> feet			
Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development Other (describe): <u>WASHED SAND</u>			
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.			
<u>BOB SMITH</u> <u>0-645</u>			
Print Name of Water Well Contractor and License No.		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)

For Office Use Only:

Aquifer: _____

Well #: D-104

Elevation: _____

County: DESOTO
 Permit #: _____
 Driller: Bob Smith
 Date completed: 8-18-05

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>DESOTO County</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>SCHOOL</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Kind rd</u>	_____ 1/4 _____ 1/4 Sec. <u>E19</u> Twn <u>T18</u> Rng <u>R5W</u>
<u>OLIVE BRANCH, MS 38654</u>	Distance Direction Nearest Town
City State Zip Code	<u>2</u> Miles <u>NE</u> of <u>OLIVE BRANCH</u>
Telephone No. (____) _____	

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <input checked="" type="radio"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5</u>
Date Pump Installed: <u>8-18-05</u>	Setting Depth: <u>120</u> feet
Rated Pump Capacity: <u>50</u> Gallons Per Minute	Number of Stages: <u>16</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>8-18-05</u>	Air Line <input type="radio"/> <input checked="" type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape
Static Water Level (A): <u>25</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>85</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>10</u> Feet Below Land Surface	Well yielded <u>78</u> GPM with a drawdown of
Test Pumping Rate: <u>78</u> Gallons Per Minute	<u>10</u> feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

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

Bob Smith 0648
 Print Name of Pump Installer and License No. (if applicable)

[Signature]
 Signature of Pump Installer

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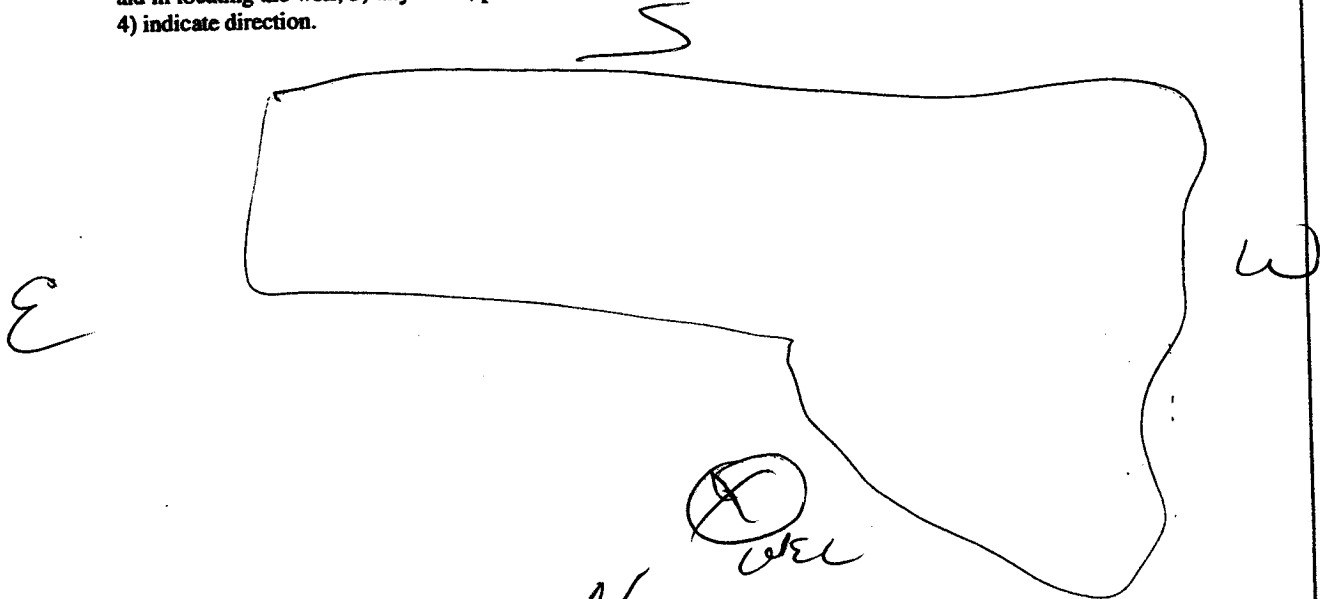
If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
TOP SOIL	0	5
Brown CLAY	5	20
SAND + GRAVEL	20	27
Grey CLAY	27	80
WHITE SAND + CLAY	80	170
WHITE SAND	170	205

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: DESOTO COUNTY SCHOOL

[Signature]
Signature of Water Well Contractor

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