

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 #: C-30
L. S. Elevation: _____
E-log #: _____

County: DESOTO
Permit #: _____
Driller: BOB SMITH
Date drilling completed: 8-14-05

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>JERRY GRAYS</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>8025 ASHLEY DRIVE</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>D-26</u> Twn <u>T15</u> Rng <u>R7W</u>
Telephone No. <u>662 890-7666</u>	Distance _____ Miles Direction <u>NW</u> of Nearest Town <u>OLIVE BRANCH</u>

Well Data

Purpose of Well (circle one): ~~Home~~ Industrial Public Supply Irrigation Fish Culture Other: _____

Date well drilling started: 8-14-05 Date well drilling completed: 8-14-05

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

Static Water Level: 180 feet above or below (circle one) land surface Date measured: 8-14-05

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

Hole depth: 300 Well depth: 300 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 280 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 4 THOUS inches Setting depth: From 280 feet to 300 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development
Other (describe): WASHER SAND

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.

BOB SMITH 0645 _____
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 #: C-30

Elevation: _____

County: DESOTO
 Permit #: _____
 Driller: BOB SMITH
 Date completed: 8-14-05

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>JOHNNY GRAVES</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>8025 ASHLEY DR.</u> <u>OLIVE BRANCH,</u> <u>MS 38654</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: _____	_____ 1/4 _____ 1/4 Sec <u>D-26</u> Twn <u>T15</u> Rng <u>R7W</u>
Telephone No. <u>662</u> <u>890-7666</u>	Distance: _____ Direction: _____ Nearest Town: _____
	<u>6</u> Miles <u>NW</u> of <u>OLIVE BRANCH</u>

Pump Type Circle one	Power Type Circle one
Air Lift: Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/>	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas <input type="radio"/>
Bucket: Piston <input type="radio"/> Turbine <input type="radio"/>	<u>Electric Motor</u> <input checked="" type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/>
Centrifugal: Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill <input type="radio"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: _____
Date Pump Installed: <u>8-14-05</u>	Setting Depth: <u>200'</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>8-14-05</u>	Air Line <input type="radio"/> <u>Electric Measuring Line</u> <input checked="" type="radio"/> Steel Tape <input type="radio"/>
Static Water Level (A): <u>180</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>186</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>6</u> Feet Below Land Surface	Well yielded <u>12</u> GPM with a drawdown of
Test Pumping Rate: <u>12</u> Gallons Per Minute	<u>6</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.

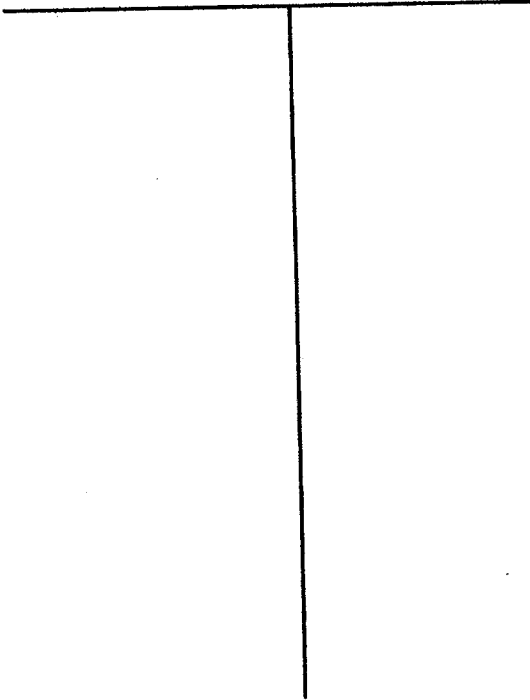
BOB SMITH 0-645
 Print Name of Pump Installer and License No. (if applicable)

[Signature]
 Signature of Pump Installer

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If well telescopes please sketch below and show depths.

Ground Level



Description of Formations Encountered

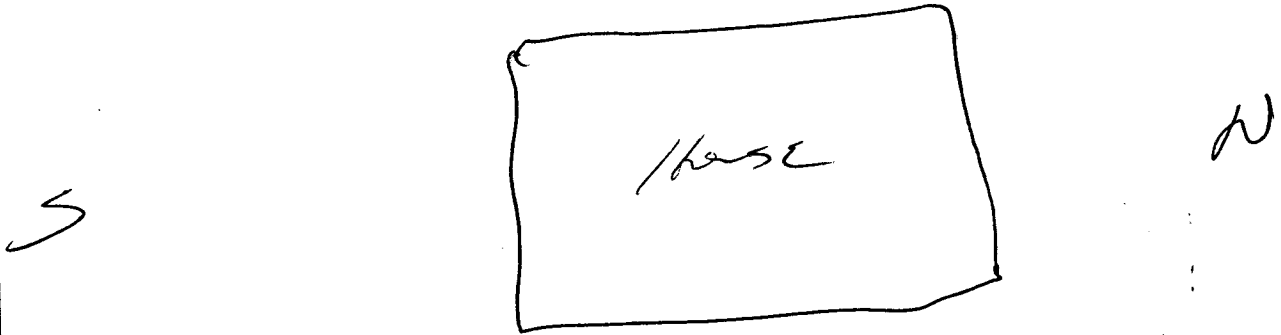
From To

Description of Formations Encountered	From	To
TOP SOIL	0	5
BROWN CLAY	5	40
BROWNIE	40	50
GREY CLAY	50	130
WHITE CLAY + SAND	130	270
WHITE SAND	270	300

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.

Well W



Landowner Name: JOHNNY GRAVES E

[Signature]
Signature of Water Well Contractor

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