

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 #: B-110 137
 L. S. Elevation: _____
 E-log #: _____

County: TATE
 Permit #: _____
 Driller: BOB SMITH
 Date drilling completed: 9-1-04

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>FERRILL HANSON</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>MASSEY RD</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey, <input type="radio"/> USGS quad, <input type="radio"/> Hand-held GPS, <input type="radio"/> Survey-grade GPS
<u>COLDWATER MS. 38618</u>	_____ 1/4 _____ 1/4 Sec <u>C-13</u> Twn <u>T-45</u> Rng <u>R-7W</u>
City: _____ State: _____ Zip Code: _____	Distance _____ Miles Direction <u>NE</u> of Nearest Town <u>COLDWATER</u>
Telephone No. <u>(662) 560-3065</u>	

Well Data

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

Date well drilling started: 9-1-04 Date well drilling completed: 9-1-04

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

Static Water Level: 87 feet above or below (circle one) land surface Date measured: 9-1-04

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

Hole depth: 160 Well depth: 160 Well grouted to a depth of 10 feet

Type of grout (circle one) Cement Bentonite Mix

Casing length: 150 feet Casing diameter: 4 inches Type of casing: PUC

Screen length: 10 feet Screen diameter: 4 inches Type of screen: PUC

Screen slot size: 1/4 TAPUS inches Setting depth: From 150 feet to 160 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): _____

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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

If well telescopes please sketch below and show depths.

Ground Level

B-110



Description of Formations Encountered	From	To
TOP SOIL	0	5
BROWN CLAY	5	40
RED SAND & GRAVEL	40	62
ROCK	62	63
WHITE CLAY	63	92
GREY CLAY	92	120
WHITE & GREY CLAY	120	140
WHITE SAND	140	160

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

TRAILER

W

MASSEY RD

N

Landowner Name: FERRILL HILSON

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 Signature of Water Well Contractor

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 #: B-110

Elevation: _____

County: TATE
 Permit #: _____
 Driller: BOB SMITH
 Date completed: 9-1-04

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>FERRIS HANSON</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>MASSEY RD</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>CORDWATER MS. 38618</u>	_____ 1/4 _____ 1/4 Sec <u>C-13</u> Twn <u>T-4S</u> Rng <u>R-7W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(662) 560-3065</u>	<u>6</u> Miles <u>NE</u> of <u>CORDWATER</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3/4</u>
Date Pump Installed: <u>9-1-04</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>12</u>

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Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>9-1-04</u>	Air Line <input type="radio"/> <input checked="" type="radio"/> <u>Electric Measuring Line</u> <input type="radio"/> Steel Tape
Static Water Level (A): <u>87</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>91</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>4</u> Feet Below Land Surface	Well yielded <u>13</u> GPM with a drawdown of
Test Pumping Rate: <u>13</u> Gallons Per Minute	<u>4</u> feet after <u>5 1/2</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>5 1/2</u> hours	

SEP 13 2004

BY: OLWR

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

Bob Smith 0645
 Print Name of Pump Installer and License No. (if applicable)

[Signature]
 Signature of Pump Installer