

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 #: E-253
L. S. Elevation: _____
E-Lot #: _____

73

County: LAMAR
Permit #: MS-GW-16026
37000608
Driller: LAYNE-CENTRAL
Date Drilling Completed: 12/3/03

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>NORTH LAMAR WATER ASSOCIATION</u>	Latitude: <u>N31° 17' 51"</u> Longitude: <u>W089° 24' 56"</u>
Mailing Address: <u>4906 OLD HIGHWAY 11</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>SUITE 8</u>	USGS quad, <u>Hand-Held GPS</u> , Survey-grade GPS
<u>HATTIESBURG, MS 39402</u>	NE ¼ SW ¼ Sec <u>21</u> Twn <u>4N</u> Rng <u>14W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. (<u>601</u>) <u>264-1157</u>	<u>_____</u> Miles <u>EAST</u> of <u>HATTIESBURG</u>

Well Data

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

Date well drilling started: 10/15/03 Date well drilling completed: 12/3/03

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

Static Water Level: 335 feet above or below (circle one) land surface Date Measured: 2/26/04

Method of Measurement (circle one) steel tape electric tape air line Other: —

Hole depth: 1410' Well depth: 1324' Well grouted to a depth of 1273 feet

Type of grout (circle one) Cement Bentonite Mix

Casing length: 1273 feet Casing diameter: 12% inches Type of casing: STEEL

Screen length: 40 feet Screen diameter: 8% inches Type of screen: WIRE-WRAPPED

Screen slot size: 0.020 inches Setting depth: From 1283 feet to 1323 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: 1199 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): LAYNE-CENTRAL, JACKSON, MS

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

LAYNE-CENTRAL 0-064 By: Michael Robb
Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

DEC 09 2004
BY: OLWR

If well telescopes, please sketch below and show depths.


Ground level

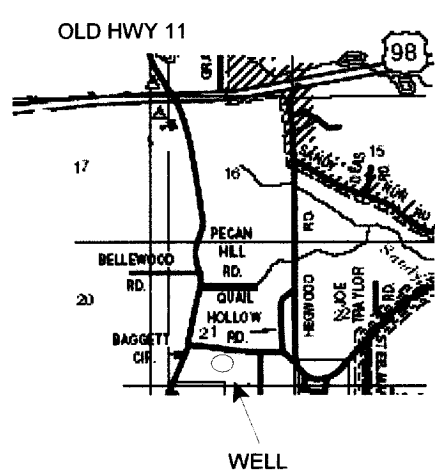
Description of Formations Encountered	From	To
TOP SOIL	0	3
RED SANDY CLAY	3	30
SAND	30	50
WHITE CLAY	50	60
SANDY	60	210
CLAY W/ SANDY STREAKS	210	335
SAND	335	425
CLAY & SAND STREAKS	425	500
CLAY	500	535
SAND	535	600
CLAY & SAND STREAKS	600	710
SAND	710	750
SANDY CLAY STREAKS	750	800
CLAY	800	960
SANDY & CLAY STREAKS	960	1090
HARD CHALK	1090	1100
SANDY & CLAY STREAKS	1100	1275
SAND	1275	1330
CLAY	1330	1410

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.

NORTH





WELL

HATTIESBURG

NOT TO SCALE

Landowner's Name: NORTH LAMAR WATER ASSOCIATION

LAYNE-CENTRAL

By: Michael Wade
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 #: E-253
 Elevation: _____

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County: LAMAR
 Permit #: 37000608
 Driller: LAYNE-CENTRAL
 Date Drilling Completed: 12/3/03

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>NORTH LAMAR WATER ASSOCIATION</u>	Latitude: <u>N31 ° 17 ' 519 "</u> Longitude: <u>W089 ° 24 ' 562 "</u>
Mailing Address: <u>4906 OLD HIGHWAY 11</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey
<u>SUITE 8</u>	USGS quad, <input type="radio"/> Hand-Held GPS, <input type="radio"/> Survey-grade GPS
<u>HATTIESBURG, MS 39402</u>	<u>NE ¼ SW ¼</u> Sec <u>21</u> Twn <u>4N</u> Rng <u>14W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. (<u>601</u>) <u>264-1157</u>	_____ Miles <u>EAST</u> of <u>HATTIESBURG</u>

Pump Type Circle One	Power Type Circle One
Air Lift Jet Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine	<input type="radio"/> Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>100</u>
Date Pump Installed: <u>4/2/04</u>	Setting Depth: <u>450</u> feet
Rated Pump Capacity <u>500</u> Gallons Per Minute	Number of Stages: <u>16</u>

Pump Test Data	Method of Measuring Water Level Circle One
Date Well Tested: <u>2/25/04</u>	<input type="radio"/> Air Line <input type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape
Static Water Level (A): <u>349</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>417</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>68</u> Feet Below Land Surface	Well yielded <u>506</u> GPM with a drawdown of
Test Pumping Rate: <u>506</u> Gallons Per Minute	<u>68</u> feet after <u>24</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>24</u> hours	

I hereby certify that the above statements are true to the best of my knowledge.

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

 Signature of Pump Installer

BY _____