

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)

County: LAUDERDALE
Permit #: _____
Driller: ARNOLD CHAPEL
Date drilling completed: 4/19/07

For Office Use Only:

Aquifer: _____
Well #: M-139
L. S. Elevation: _____
E-log #: _____

MW-51

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>US NATIONAL GUARD</u>	Latitude: <u>32° 20' 02.2"</u> Longitude: <u>88° 44' 07.7"</u>
Mailing Address: <u>6225 M STREET</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>MERIDIAN</u> MS <u>39307</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>NW</u> ¼ <u>SE</u> ¼ Sec <u>27</u> Twn <u>6N</u> Rng <u>15E</u>
Telephone No. (____) _____	Distance <u>2</u> Miles Direction <u>SW</u> of Nearest Town <u>MERIDIAN</u>

Well Data

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

Date well drilling started: 4/19/07 Date well drilling completed: 4/19/07

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

Static Water Level: 11.0 feet above of below (circle one) land surface Date measured: 4/19/07

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

Hole depth: 18.0' Well depth: 18.0' Well grouted to a depth of 6.0 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 8.0 feet Casing diameter: 2 inches Type of casing: PVC

Screen length: 10.0 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: .010 inches Setting depth: From 8.0 feet to 18.0 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: _____ 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.

ARNOLD CHAPEL/0-657
Print Name of Water Well Contractor and License No.

Arnold H. Chapel
Signature of Water Well Contractor

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M-139

If well telescopes please sketch below and show depths.

Ground Level

MW-51		
Description of Formations Encountered	From	To
Brown, moist SILT	0	3
White/brown, wet, fine/ coarse SAND; trace silt	3	10

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.

SEE MAP ON BACK

Landowner Name: US NATIONAL GUARD

Arnold L. Chapin
 Signature of Water Well Contractor

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