

STATE WELL REPORT

Part 1

Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225-2309
(601)961-5210
(601)360-0535 (fax)

County: Lawrence County
Permit #: MS-602-17099
Driller: Scott Johnson
Date drilling completed: 07/20/2015

For Office Use Only:
Well #: F 3233
Aquifer: MoCN
E-Log #: _____

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

<p style="text-align: center;">Well Owner Information <i>(Landowner if borehole is not for a water well)</i></p> <p>Owner Name: <u>Lawrence County Water Association</u></p> <p>Mailing Address: <u>Assoc., Inc</u> <u>24 Bill Carr Rd</u></p> <p><u>Monticello</u> <u>MS</u> <u>39654</u> City State Zip Code</p> <p>Telephone No. (____) _____</p>	<p style="text-align: center;">Well or Borehole Location</p> <p>Latitude: <u>31.551919</u> Longitude: <u>-90.180184</u> <u>31-33-07</u></p> <p>Method of Lat/Long (check one): Conventional Survey <input checked="" type="checkbox"/>, USGS quad <input type="checkbox"/>, Hand-held GPS <input checked="" type="checkbox"/>, Survey-grade GPS <input type="checkbox"/></p> <p><u>NE 1/4 NE 1/4, Sec 27 T 7 N R 10 E</u></p> <p>_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)</p>
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Well / Borehole Data

Date drilling started: 06/09/2015 Date drilling completed: 07/20/2015 Hole depth: 870' Hole diameter: 28"

Location of the source of any surface water used for drilling: Fire Hydrant

Method of dosing and volume of Chlorine used in drilling and development: 5 gallon bucket

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): Layne Christensen

Purpose of borehole (circle one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump
Seismic Survey Other (describe) _____

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture

Other (describe): _____

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

Static Water Level: 270' feet [above or below land surface Date measured: 3/18/2016
(circle one)]

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Well depth: 870' Well grouted to a depth of: 824' feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 824' feet Casing diameter: 16" inches Type of casing: Steel

Screen length: 46' 48" feet Screen diameter: 8" inches Type of screen: Wire wrap rod based

Screen slot size: .030 inches Setting depth: From 824' 340" feet to 870' feet

Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development

Other (describe): _____

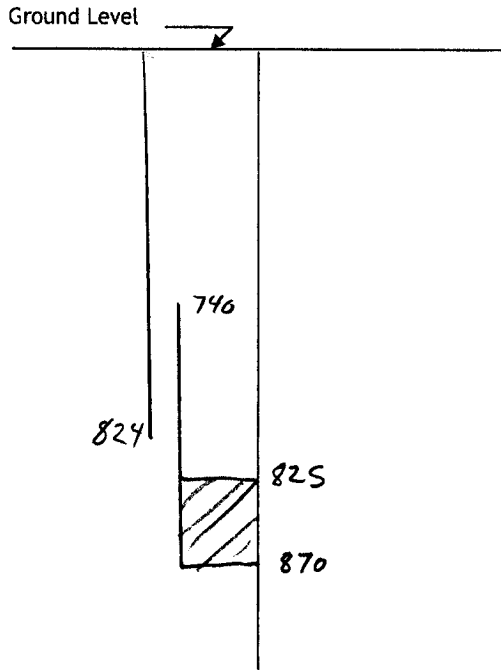
Top of lap pipe or reduction in casing: 740' feet

If telescoped or more than one screen, describe on next page

County: Lawrence County
 Permit #: MS-GW-17099

For Office Use Only:
 Well #: F 33

*The sketch below only required for water wells
 If well telescopes, show depths on sketch.*



If more than one screen, show location of each on sketch

*Description of formations encountered must be provided for all wells
 and boreholes, unless specifically exempted by regulations*

Description of Formations Encountered	From (depth)	To (depth)
Loose sand & Clay streaks	Ground level	107
Blue clay	107	328
Sandy clay	328	350
Shale	350	455
Sand	455	585
Shale & sand streaks	585	755
Sandy shale & sand streaks	755	820
Sand (course)	820	873
Shale	873	920

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) north arrow

NOT TO SCALE

NORTH

Landowner Name: Lawrence County Water Association

I HEREBY CERTIFY that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Joseph Savorganan 0-766
 Print Name of Responsible Licensee and License No.

11/04/16
 Date

Signature of Licensee

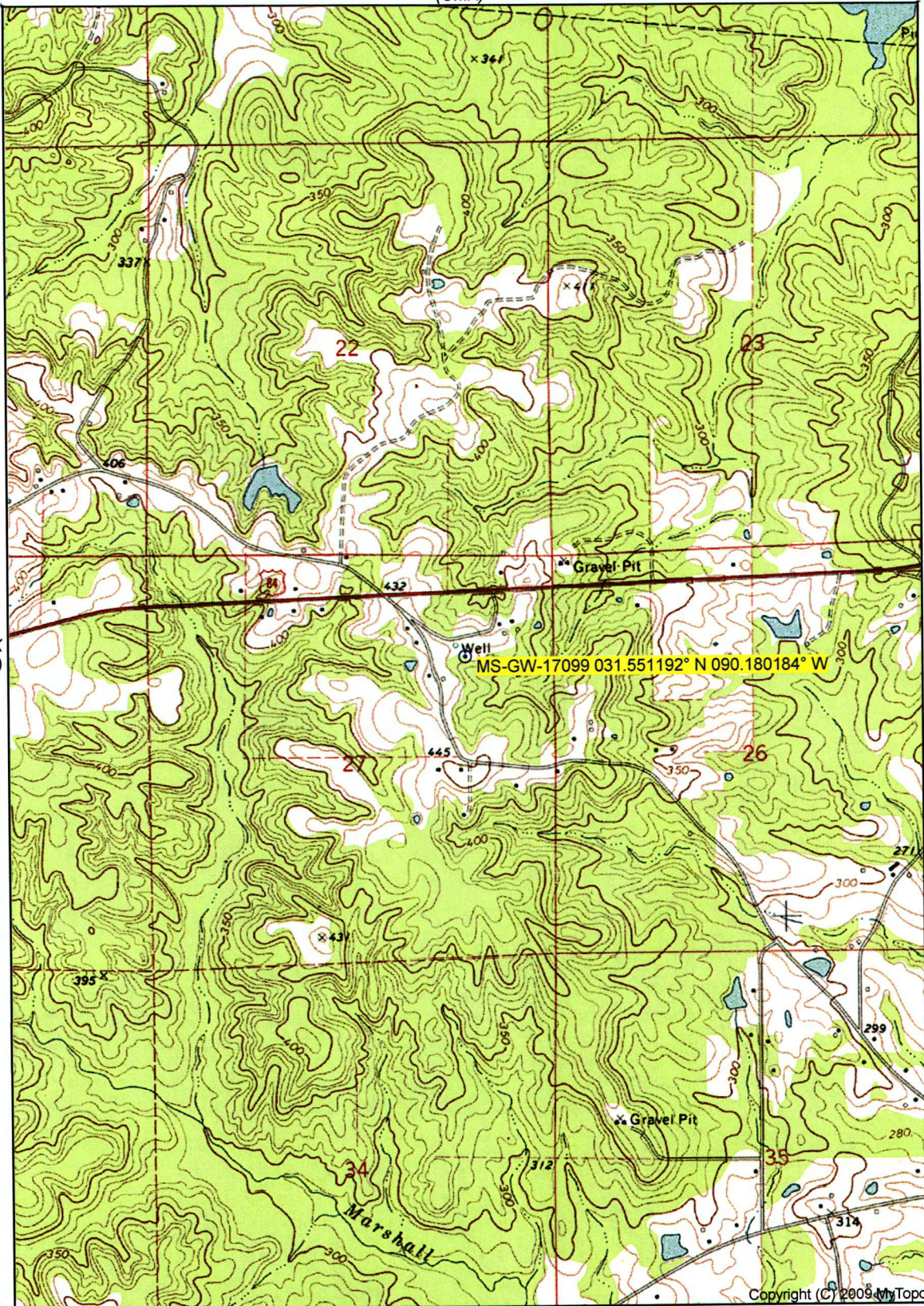
090° 11' 58.0814" W
031° 34' 28.0704" N

090° 09' 39.2781" W
031° 34' 28.0704" N

(OMA)

(FAIR OAK
SPRINGS)

(MONTICELLO)



031° 31' 40.5008" N
090° 11' 58.0814" W

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Printed: Mon Nov 07, 2016
031° 31' 40.5008" N
090° 09' 39.2781" W

Declination

(TOPEKA)
SCALE 1:24000

(TILTON)

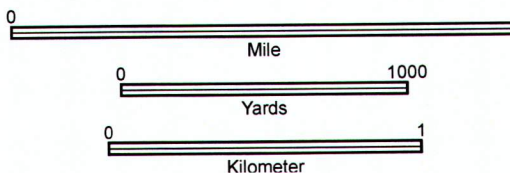
(RUTH)

Produced by MyTopo Terrain Navigator
Topography based on USGS 1:24,000
Maps

North American 1983 Datum (NAD83)
Polyconic Projection

To place on the predicted North American
1927 move the projection lines 19M N and
9M W

GN 1.47° E
MN 0.70° W



CONTOUR INTERVAL 10 FEET
MEAN SEA LEVEL

NOLA, MS
1970