

8-28-18

164

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
(601)961- 5210
(601)961- 5228 (fax)

County: Panola
 Permit #: _____
 Driller: Chad Mattox
 Date drilling completed: 8-14-18

For Office Use Only:
 Aquifer: _____
 Well #: K-158
 L. S. Elevation: _____
 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.

Information on Well Owner
(Landowner if borehole is not for a water well)

Owner Name Nolan West
 Mailing Address: 22679 Hwy 51
Sardis, MS 38666
 City State Zip Code
 Telephone No. (662) 487-3344

Well or Borehole Location

Latitude: 34° 22' 31" Longitude: 90° 07' 56"
 Method of Lat/Long (circle one): Conventional Survey,
 USGS quad, Hand-held GPS, Survey-grade GPS
SW 1/4 NE 1/4 Sec 22 Twn 08S Rng 09W
 Distance Direction Nearest Town
2.4 Miles NE of Curtis Station

Well / Borehole Data

Date drilling started: 8-14-18 Date drilling completed: 8-14-18 Hole depth: 115' Hole diameter: 24"
 Location of the source of any surface water used for drilling: _____
 Method of dosing and volume of Chlorine used in drilling and development: _____
 Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): _____
 Purpose of borehole (check 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 (check one): Home ___ Industrial ___ Public Supply ___ Irrigation ___ X Fish Culture ___ Other: _____
 If a flowing well, method of flow regulation: Valve ___ Other (describe) _____
 Static Water Level: 20 feet above or below (circle one) land surface Date measured: 8-14-18
 Method of Measurement (circle one) steel tape electric tape air line other: _____
 Well depth: 115' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
 Casing length: 75' feet Casing diameter: 16 inches Type of casing: PVC
 Screen length: 40' feet Screen diameter: 16 inches Type of screen: PVC
 Screen slot size: .032 inches Setting depth: From 60 feet to 80 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 next page*

Form: OLWR-SWR-1A (04/08)

17-0948

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level 	
15'	casing
20'	casing
20'	casing
20'	casing
20'	screen
20'	screen

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)
top soil	Ground Level	10
fine sand	10	15
course sand	15	20
med. sand	20	25
fine sand	25	30
med. sand	30	40
med. sand	40	50
med. sand	50	60
med. sand	60	70
med. sand + pea gravel	70	80
med. sand + pea gravel	80	90
med. sand + pea gravel + gravel	90	100
" " " "	100	110
med. sand + pea gravel	110	115

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) a north arrow.

Landowner Name: _____

Form: OLWR-SWR-1A (04/08)

I 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

Chad H. Mattox UMR-8243 4/11/19
 Print Name of Responsible Licensee and License No. Date

Chad H. Mattox
 Signature of Licensee



Don R. Christy, PhD
Executive Director
P. O. Box 129
Stoneville, MS 38776
Tel.: (662) 686-7712
Fax: (662) 686-9078
www.ymd.org

Yazoo Mississippi Delta Joint Water Management District

March 4, 2019

Nolan West
22679 Hwy 51
Sardis, MS 38666

RE: Receipt for Notification of Construction of Replacement Well **MS-GW-50532**
which will be replacing MS-GW-10401 located at
Location: SW ¼ of the NE ¼ Section 22 Township 08S Range 09W County Panola
Latitude: 342231 Longitude: 900754

Dear Nolan West,

This letter acknowledges your notification to the state that you intend to replace a previously permitted well in the Mississippi River Valley Alluvial Aquifer and that this replacement construction will meet the requirements for a groundwater replacement well specified in 11 Miss. Admin. Code Part 7, Chapter 1, Rule 1.4.F.1 (see attached/back of page). Construction may begin immediately on your replacement well.

Remember that you are still required to submit a permit application (enclosed) for the replacement well within 5 days of construction beginning. You are also required to properly decommission (plug and abandon) the replaced well within 180 days of the replacement well's construction.

A copy of this letter, or a water use permit for the replacement well, **must** be attached to the State Well Report submitted by your driller to MDEQ and they must also submit a copy to YMD, as specified in the Water Well Contractor regulations found in 11 Miss. Admin. Code Part 7, Chapter 2, Rule 2.9.

If you have any questions, please call YMD at 662-686-7712.

Sincerely,

Dillard Melton Jr.

Dillard Melton Jr.
Permitting Director

Replacement well requirements

11 Miss. Admin. Code Part 7, Chapter 1, Rule 1.4.F.1.

F. Replacement Wells - A replacement well may be drilled to replace a properly authorized well that has become unusable.

(1) Qualifications - To qualify as a replacement well for any use other than irrigation, aquaculture, or wildlife enhancement the new well must meet all of the requirements set forth in paragraphs a. through d. below. Any proposed well not meeting these requirements will be treated as a new well, and the required application will be processed accordingly. Replacement wells for irrigation, aquaculture, or wildlife enhancement need only meet the requirements set forth in 24 paragraphs (a) through (c) below provided the water will be applied to the same field or pond served by the original well.

- (a) Will replace a well that will be properly plugged and abandoned within 180 days of completion of the replacement well, unless used by MDEQ for data collection in accordance with paragraph 3 below; and
- (b) Will withdraw water from the same water-bearing formation as the old well; and
- (c) Will supply water for the same beneficial use as the old well