

State Well Report

Part 1 - Driller's Log

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 #: E194
L.S. Elevation:
E-log #:

County: Harrison
Permit #: 0239
Driller: McGill Pump & Well
Date drilling completed: 5/23/14

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: Boy Scouts of America
Mailing Address: 4200 S. I-10 Service Rd., Suite - 100, Metairie, LA 70001
Telephone No.: (504) 289-4318 (504) 889-1162
Well or Borehole Location
Latitude: 30° 31' 20" Longitude: 89° 18' 04"
Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
NE 1/4 SW 1/4 Sec 16 Twn 0.5 Rng 13 W
Distance 2.5 Miles Direction N.W. of Nearest Town Gulfport

Well / Borehole Data
Date drilling started: 3/25/14 Date drilling completed: 5/23/14 Hole depth: 500 ft Hole diameter: 4"
Location of the source of any surface water used for drilling: Waterwell
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 [checked] 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 [checked] Industrial Public Supply Irrigation Fish Culture Other:
If a flowing well, method of flow regulation: Valve Ballvalve Other (describe)
Static Water Level: 80 feet above or below (circle one) land surface Date measured: 2/26/14
Method of Measurement (circle one) Steel tape electric tape air line other:
Well depth: 500 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 480 feet Casing diameter: 4 inches Type of casing: PVC
Screen length: 20 feet Screen diameter: 2 inches Type of screen: PVC
Screen slot size: .0006 inches Setting depth: From 480 feet to 500 feet
Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development [checked]
Other (describe):
Top of lap pipe or reduction in casing: 200 feet. If telescoped or more than one screen, describe on next page

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BY: OLWR

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 #: E194
 Elevation: _____

County: Harrison
 Permit #: 0239
 Driller: Mike McNeil
 Date completed: _____
Copy information from block on Part 1

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information	Well Location
Owner Name: <u>Boy Scouts of America</u>	Latitude: <u>30-31-20</u> Longitude: <u>89-18-04</u>
Mailing Address: <u>4200 S. I-10 Service Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Suite-100</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Metairie, LA 70001</u>	<u>NE 1/4 SW 1/4 Sec 14 T 40S R 13 W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(504) 289-4318 / (504) 889-1162</u>	<u>25</u> Miles <u>N.W.</u> of <u>Gulfport</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <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>5</u>
Date Pump Installed: <u>5/23/14</u>	Setting Depth: <u>240</u> feet
Rated Pump Capacity: <u>600</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>5/23/14</u>	Air Line Electric Measuring Line <input checked="" type="radio"/> <u>Steel Tape</u>
Static Water Level (A): <u>80</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>240</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>40</u> Feet Below Land Surface	Well yielded <u>600</u> GPM with a drawdown of
Test Pumping Rate: <u>600</u> Gallons Per Minute	<u>40</u> feet after <u>12</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>12</u> hours	

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

<u>Michael McNeil SE # 0239</u>	<u>Michael McNeil SE # 0239</u>
Print Name of Pump Installer and License No. (if applicable)	Signature of Pump Installer

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If well telescopes please sketch below and show depths.

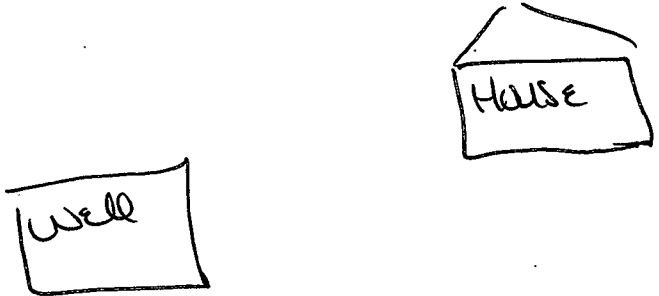
Ground Level

500' 4"
PUC

Description of Formations Encountered	From	To
Mud	0	40
Sand	40	160
Mud	160	390
Sand	390	400
Mud	400	450
Sand	450	500

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.



Landowner Name: Boy Scouts of America

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Michelle Nicole Sullivan #15239
Signature of Water Well Contractor