

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)

For Office Use Only:

Well #: 131
Aquifer:
E-Log #:

County: Lauderdale
Permit #:
Driller: McDonald + Hill
Date drilling completed: 9/6/17

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.

Well Owner Information (Landowner if borehole is not for a water well)
Owner Name: Southeast High School
Mailing Address: 2302 Long Creek Rd.
City: Mdn State: MS Zip Code: 39301
Well or Borehole Location
Latitude: 32.324700 Longitude: -88.569613
Method of Lat/Long (check one): Conventional Survey
USGS quad, Hand-held GPS, Survey-grade GPS
NW 1/4 NW 1/4, Sec 33 T 6N R 17E
Miles of (Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: 9-5-17 Date drilling completed: 9-6-17 Hole depth: 480 Hole diameter: 7
Location of the source of any surface water used for drilling: Community
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 (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: 185 feet [above or below] land surface Date measured: 9-6-17
Method of measurement (circle one): Steel tape Electric tape Air line Other (describe):
Well depth: 480 Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 430 feet Casing diameter: 4 inches Type of casing: PVC
Screen length: 50 feet Screen diameter: 4 inches Type of screen: PVC
Screen slot size: .006 inches Setting depth: From 430 feet to 480 feet
Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development
Other (describe): Sand Packed.
Top of lap pipe or reduction in casing: feet

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

OCT 13 2017

BY OLWR

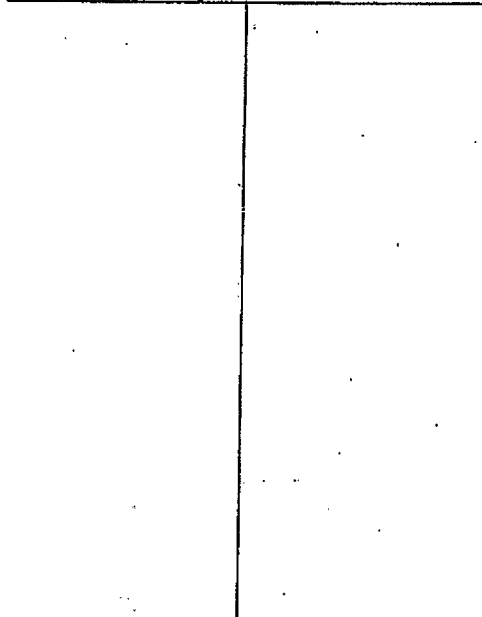
County: Lauderdale
Permit #: _____

For Office Use Only:
Well #: Ø131

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level \rightarrow



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)
Sandy clay	Ground level	30
sandy shale	30	69
Rock	69	71
shale	71	290
Sandy shale	290	385
sand	385	400
Sandy shale	400	410
Sand	410	420
shale	420	440
Sand	440	458
sandy shale	458	480

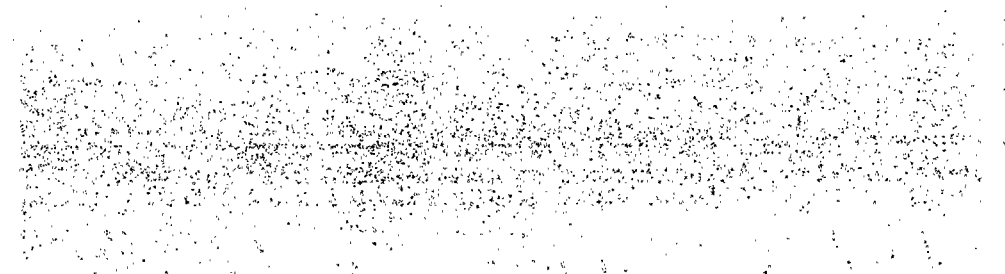
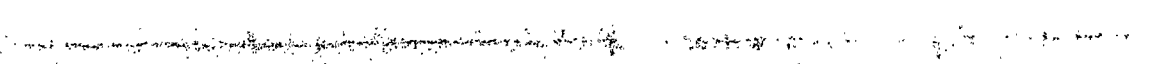
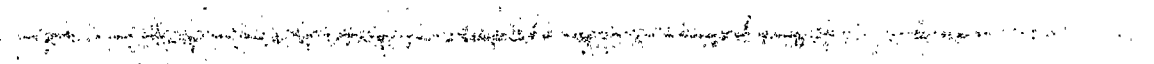
If more than one screen, show location of each on sketch

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) north arrow

Landowner Name: SOUTHEAST HIGH SCHOOL

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.

McDonald Hill #08 10/11/17 [Signature]
 Print Name of Responsible Licensee and License No. Date Signature of Licensee



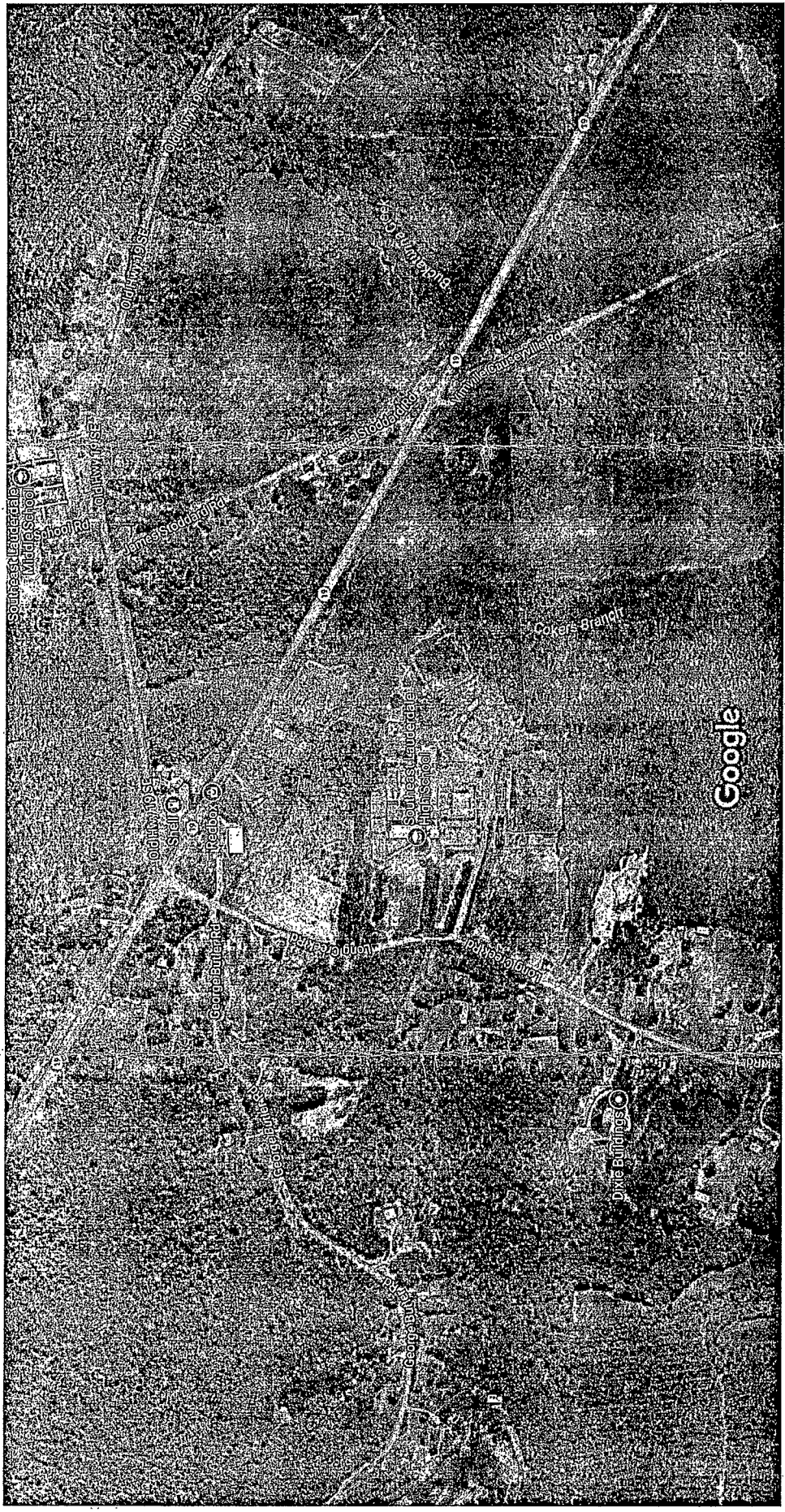
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Google Maps

0131



Imagery ©2017 Google, Map data ©2017 Google United States 500 ft

← well on
 E end of football
 field up the hill

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STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 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)

For Office Use Only:
 Well #: 0131
 Aquifer: _____

County: Lauderdale
 Permit #: _____
 Driller: McDonald & Hill
 Date completed: 9/20/17
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>Southwest High School</u>			Latitude: <u>32.324108</u> Longitude: <u>-88.569613</u>		
Mailing Address: <u>2302 Long Creek Rd.</u>			Method of Lat/Long (check one): Conventional Survey _____		
City: <u>Mdn</u> State: <u>MS</u> Zip Code: <u>39301</u>			USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____		
Telephone No. (____) _____			1/4 _____ 1/4, Sec <u>33</u> T <u>00N</u> R <u>17E</u>		
			Miles _____ of _____ (Distance) (Direction) (Nearest Town)		

Pump Type (circle one)
 Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
 Date Pump Installed: 9/20/17 Rated Pump Capacity: 65 Gallons Per Minute
 Is This Pump (circle one): New Repaired Replacement

Power Type (circle one)
 Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____
 Horse Power Rating of Motor: 7.5 HP Setting Depth: 294 feet Number of Stages: _____

Pump Test Data for Non Flowing Well
 Date Well Tested: 9/20/17 Duration of Pump Test (minimum 4 hours): _____ hours
 Static Water Level (A): 125 Feet Below Land Surface Pumping Water Level (B): 260 Feet Below Land Surface
 Drawdown [(B) - (A)]: 75 Feet Below Land Surface Test Pumping Rate: 50 Gallons Per Minute
 Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well
 Measured shut in head: _____ feet.
 Well yielded 50 GPM with a drawdown of 75 feet after 4 hours of pumping

Meter Installation
 Meter Manufacturer: _____ Meter Serial Number: _____
 Meter Model Number/Name: _____ Type of Meter: _____
 Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____
 Installation Date: _____ Meter installed by: _____
 Is This Meter (circle one): New Repaired Replacement
Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
McDonald & Hill #0-8 10/1/17 [Signature]
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer