

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 39275-2309
 (601)951-5218
 (601)368-4535 (fax)

For Office Use Only:

Well #: M 504
 Aquifer: _____
 E-Log #: _____

County: Desoto
 Permit #: _____
 Driller: Bob Smith
 Date drilling completed: 12-28-19

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)	Well or Borehole Location
Owner Name: <u>PENTAL CONS.</u>	Latitude: <u>34°49'6.15</u> Longitude: <u>89°49'22.70</u>
Mailing Address: <u>2878 Dewberry Way</u>	Method of Lat/Long (check one): <u>4.36</u> <u>50 1.65</u> Conventional Survey
City: <u>ITERRIA MS 38632</u>	USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
State: <u>MS</u> Zip Code: <u>38632</u>	<u>SE 1/4 SE 1/4, Sec 16 T 35 R 6W</u>
Telephone No.: <u>(901) 517-2044</u>	Miles _____ of _____ (Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 12-28-19 Date drilling completed: 12-28-19 Hole depth: 133 Hole diameter: 8"

Location of the source of any surface water used for drilling: _____

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

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

Name of organization running logs: _____

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: 45 feet (above or below) land surface Date measured: 12-28-19
 (circle one)

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

Well depth: 133 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Mortar Air

Casing length: 113 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 12 MESH inches Setting depth: From 113 feet to 133 feet

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

Other (describe): _____

Top of tap pipe or restriction in casing: _____ feet

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

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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)

County: DESOUD
 Permit #: _____
 Driller: BOB SMITH
 Date completed: 12-28-19
Copy information from block on Part 1

For Office Use Only:

Well #: M 504
 Aquifer: _____

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>PENTAL CONS.</u>	Latitude: <u>34°49'6.15"</u> Longitude: <u>89°49'22.70"</u>
Mailing Address: <u>2879 DEWBERRY WAY</u>	Method of Lat/Long (check one): <input checked="" type="checkbox"/> Conventional Survey
<u>HERNDON</u> <u>MS</u> <u>38632</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>SE</u> ¼ <u>SE</u> ¼, Sec. <u>16</u> T. <u>35</u> R. <u>6W</u>
Telephone No. <u>(901) 517-2044</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: 12-28-19 Rated Pump Capacity: 22 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: 1 1/2 Setting Depth: 80 feet Number of Stages: 11

Pump Test Data for Non Flowing Well

Date Well Tested: 12-28-19 Duration of Pump Test (minimum 4 hours): _____ hours

Static Water Level (A): 45 Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface

Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: 28 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 _____ GPM with a drawdown of _____ feet after _____ 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.

BOB SMITH 0645 1-23-20 [Signature]
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer


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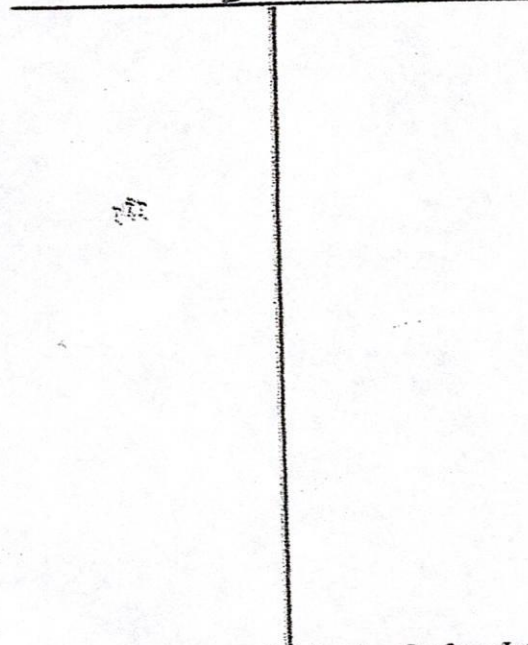
County: DE SOTO
 Permit #: _____

For Office Use Only:
 Well #: _____

The sketch below only required for water wells

If well telescopes, show depths on sketch

Ground Level 



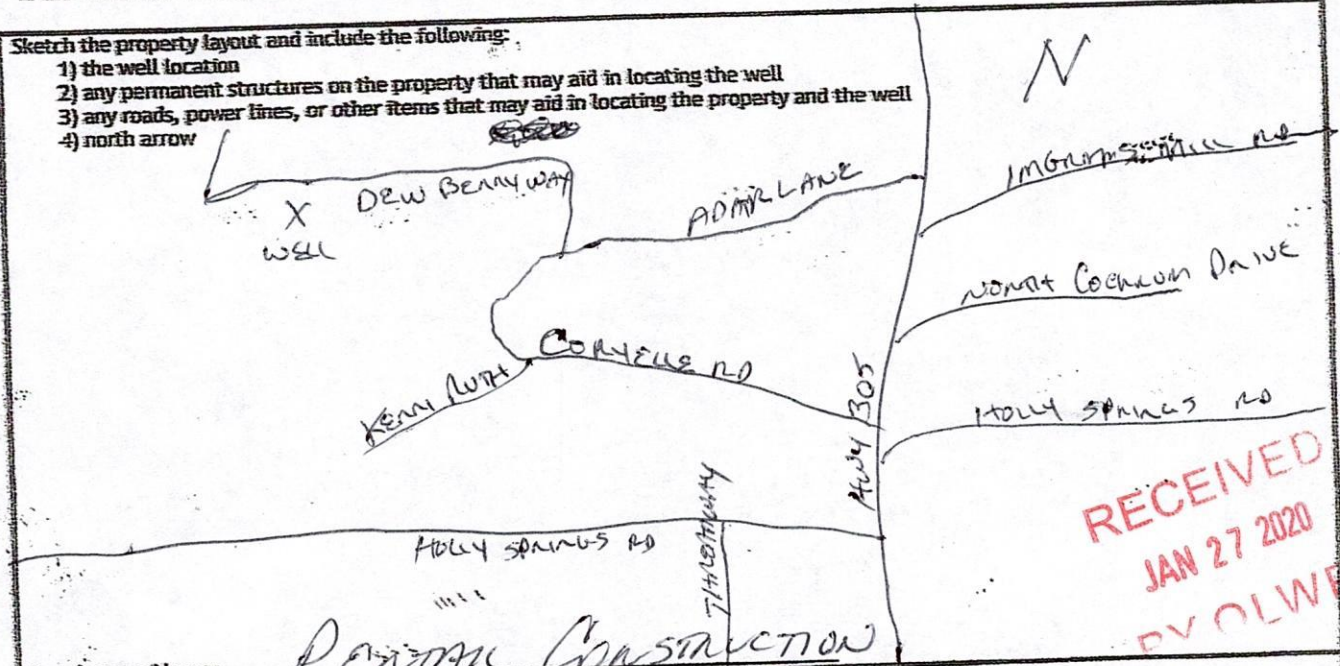
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth) Ground level	To (depth)
TOP SOIL	0	5
BROWN CLAY	5	12
RED SAND + GRAVEL	12	18
WHITE CLAY + SAND	18	100
WHITE SAND	100	125

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

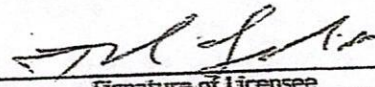


Landowner Name: PERMAN CONSTRUCTION

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.

BOB SMITH 0-645
 Print Name of Responsible Licensee and License No.

1-23-20
 Date


 Signature of Licensee

Form: OLWR-SWR-1B (4/13)

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