

County: DESOTO
 Permit #: _____
 Driller: BOB SMITH
 Date drilling completed: 8-16-18

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 #: N1449
 Aquifer: _____
 E-log #: _____

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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>Pentac Construction</u>	Latitude: <u>34°49'13.99</u> Longitude: <u>89°49'37.91</u>
Mailing Address: <u>9245 Honey Suckle</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>WJ</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>HERNANDO MS 38632</u>	<u>SW 1/4 SW 1/4, Sec 15 T 3S R 6W</u>
City _____ State _____ Zip Code _____	_____ Miles _____ of _____
Telephone No. <u>(901) 517-2044</u>	(Distance) _____ (Direction) _____ (Nearest Town) _____

Well / Borehole Data

Date drilling started: 8-16-18 Date drilling completed: 8-16-18 Hole depth: _____ 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 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: _____ feet [above or below land surface] (circle one) Date measured: SEP 17 2018

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

Well depth: _____ Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement _____ Bentonite _____ Mix _____

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

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

Screen slot size: 13 THOUS inches Setting depth: From _____ feet to _____ feet

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

Other (describe): _____

Top of tap pipe or reduction 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)

For Office Use Only:

Well #: M449
 Aquifer: _____

County: Desoto
 Permit #: _____
 Driller: Bob Smith
 Date completed: 8-16-18
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>PENTACON CONSTRUCTION</u>	Latitude: <u>34°49'13.99</u> Longitude: <u>89°49'37.91</u>
Mailing Address: <u>9245 Honey Suckle Way</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Henriado Ms. 38632</u>	<u>SW 1/4 SW 1/4, Sec 15 T.35 R.6W</u>
City _____ State _____ Zip Code _____	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)
Telephone No. <u>901 517-2044</u>	

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 8-16-18 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: 40 feet Number of Stages: 11

Pump Test Data for Non Flowing Well

Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ hours

Static Water Level (A): 15 Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface

Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: 25 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

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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.

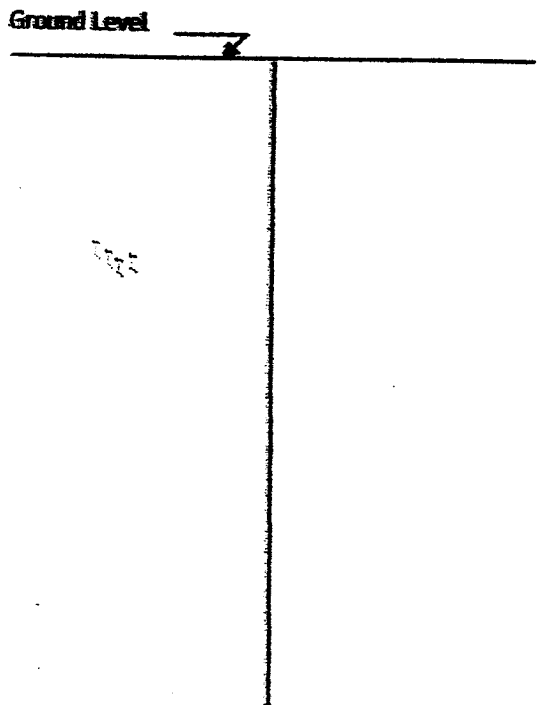
Bob Smith 0645 9-11-18 _____
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

County: DE SOTO
 Permit #: _____

For Office Use Only:
 Well #: M449

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

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

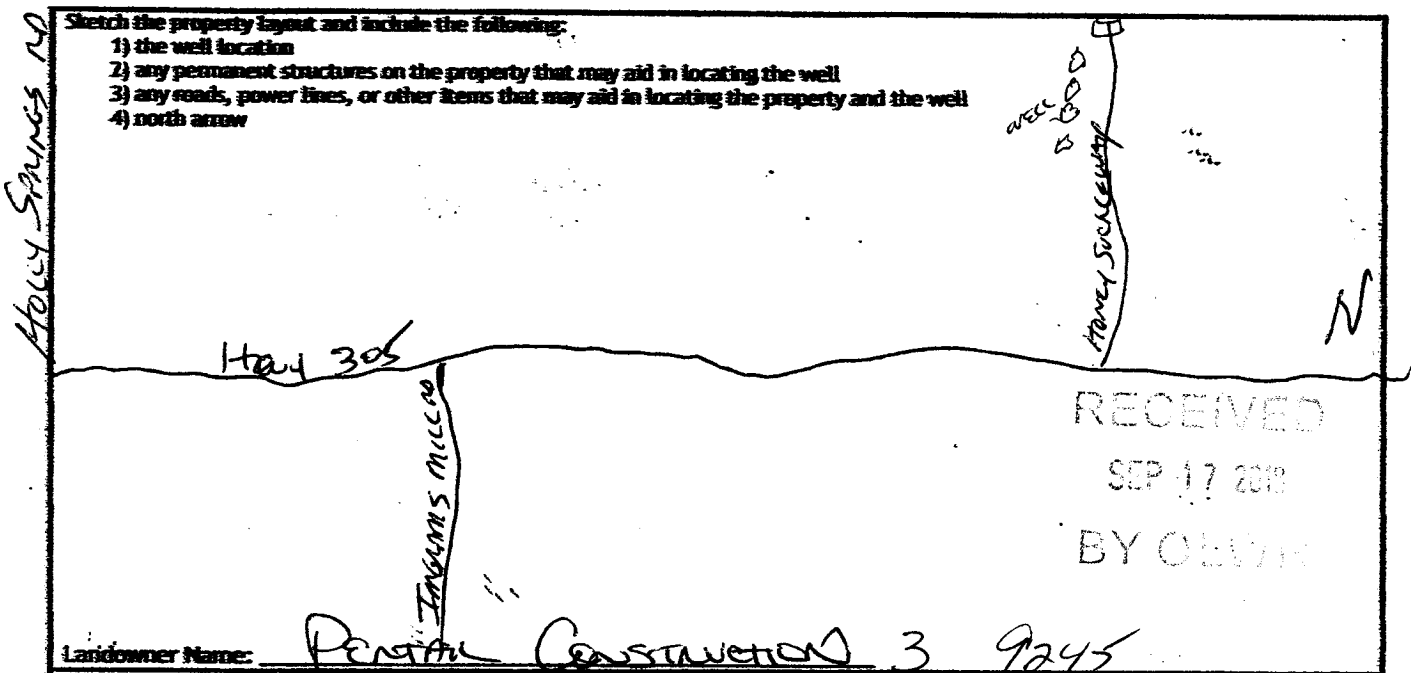


Description of Formations Encountered	From (depth) Ground level	To (depth)
TOP SOIL	0	5
Brown CLAY	5	18
Grey CLAY	18	40
WHITE CLAY	40	70
WHITE SAND	70	116

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



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Landowner Name: PENTAL CONSTRUCTION 3 9245

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 0645 9-11-18 [Signature]
 Print Name of Responsible Licensee and License No. Date Signature of Licensee