

1188

R/R Ave well

RECEIVED
NOV 15 2017
OLWR

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 #: F66 O LWR
Aquifer: _____
E-Log #: _____

County: Neshoba
 Permit #: MS-60-17290
 Driller: John W. Thompson
 Date drilling completed: 4-25-17

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)	Well or Borehole Location
Owner Name: <u>Philadelphia Utilities</u>	Latitude: <u>32° 46' 36.8"</u> Longitude: <u>89° 06' 54.7"</u>
Mailing Address: <u>226 Myrtle St W</u> <u>Philadelphia MS</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>SE</u> ¼ <u>NE</u> ¼, Sec <u>25</u> T <u>11N</u> R <u>11E</u>
Telephone No. (____) _____	<u>0</u> Miles of <u>Philadelphia</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 4-7-17 Date drilling completed: 4-25-17 Hole depth: 780' Hole diameter: 19

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

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): Teaco

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: 101 feet [above or below] land surface Date measured: 4-22-17
(circle one)

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

Well depth: 780 Well grouted to a depth of: 715 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 715 feet Casing diameter: 14 inches Type of casing: Steel

Screen length: 60 feet Screen diameter: 10 inches Type of screen: St. St. Munipac

Screen slot size: 0.020 inches Setting depth: From 720 feet to 780 feet

Type of completion (circle all applicable): Gravel packed Underrreamed 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

1188 R/R Ave

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 #: F66

Aquifer: _____

County: Neshoba
Permit #: MS-6W-17290
Driller: John W Thompson
Date completed: 11-7-17

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>Philadelphia Utilities</u>			Latitude: <u>32°46'36.8"</u>	Longitude: <u>89°6'54.7"</u>
Mailing Address: <u>226 Myrtle st W</u> <u>Philadelphia MS</u>			Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____	
City	State	Zip Code	<u>SE 1/4 NE 1/4, Sec 25 T 11N R 11E</u>	
Telephone No. (____) _____			<u>0</u> Miles of _____ of <u>Philadelphia</u>	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

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

Date Pump Installed: 11-7-17 Rated Pump Capacity: 700 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: 60 Setting Depth: 260 feet Number of Stages: 6

Pump Test Data for Non Flowing Well

Date Well Tested: 11-7-17 Duration of Pump Test (minimum 4 hours): 8 hours

Static Water Level (A): 103.9 Feet Below Land Surface Pumping Water Level (B): 123.7 Feet Below Land Surface

Drawdown [(B) - (A)]: 19.8 Feet Below Land Surface Test Pumping Rate: 791 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: _____

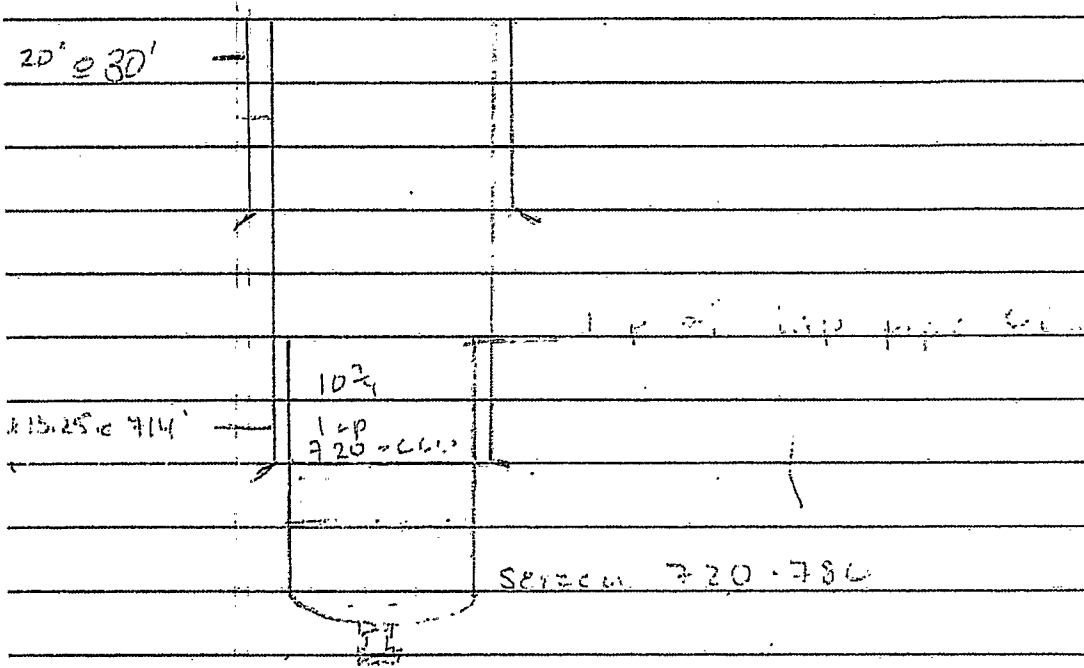
Is This Meter (circle one): New Repaired Replacement

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.

John W Thompson 0-679 11-15-17 John W Thompson
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

RRA



P.Cement

$$10' \times 10' \times 111' = 639.54 \text{ ft}^3 \times 1.1 = 704 \text{ ft}^3$$

$$\text{Shortage} = 19 \text{ ft}^3$$

$$704 \text{ ft}^3$$

$$704 \text{ ft}^3 \div 1.87 \left(\frac{144}{2.4} \right) = 3860 \text{ gal} = 91560 \text{ H}_2\text{O}$$

Sand

$$66' \times 10^3 \times 15 = 990000 \text{ ft}^3$$

$$15.25' \times 10^3 \times 12 = 183000 \text{ ft}^3$$

$$\underline{36 \text{ ft}^3}$$

Google Maps

32°46'36.8"N 89°06'54.7"W

Director's License Office

1231

James Gray Salice
fred's pharmacy

Headstart Early Head Start

Philadelphia City
Animal Shelter

Jones Auto Sales

Holy Cross
Catholic Church

Philadelphia High School

Google
Paris's HomeTown Store

Map data ©2017 Google

200 ft

166

<https://www.google.com/maps/place/32%C2%B046'36.8%22N+89%C2%B006'54.7%22W/@32.7769831,-89.1178778,17z/data=!4m5!3m4!1s0x0:0x018m213d32.7768764d:-89.115203>

(PLATTSBURG)



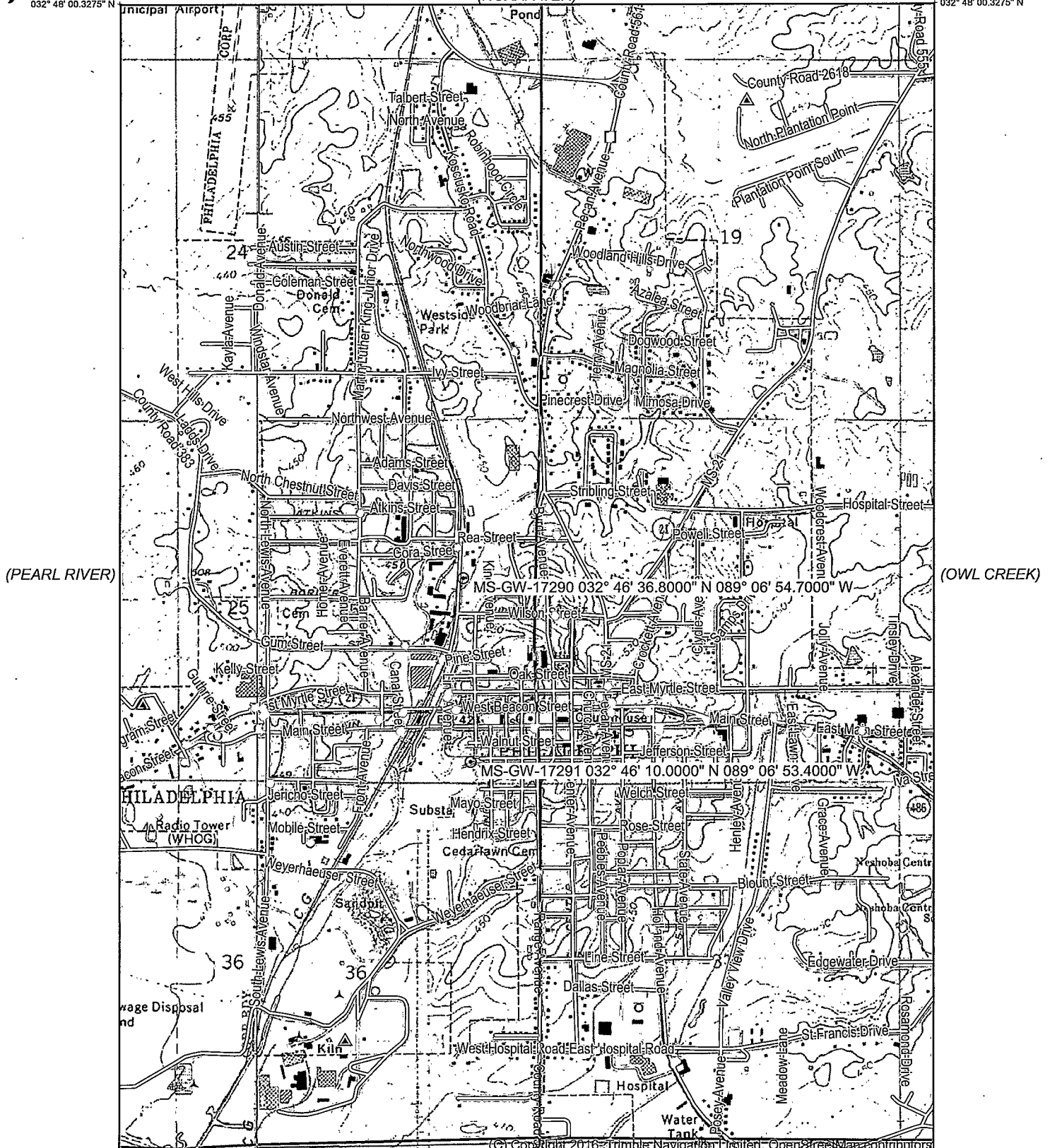
PHILADELPHIA QUADRANGLE
MISSISSIPPI
TOPOGRAPHIC SERIES

(VERNON)

032° 48' 00.3275" N
089° 07' 53.8838" W

(NOXAPATER)

089° 05' 33.1614" W
032° 48' 00.3275" N



032° 45' 12.7249" N
089° 07' 53.8838" W

© Copyright 2016 Trimble Navigation Limited, Open Street Map contributors

Printed: Wed Feb 14, 2016
089° 05' 33.1614" W
032° 45' 12.7249" N

(MC DONALD)

Declination

SCALE 1:24000
(DEEMER)

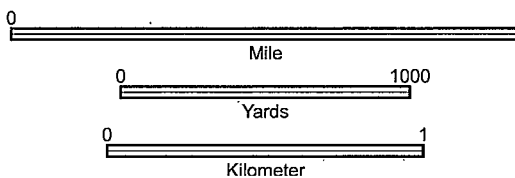
(HOUSE)

Produced by Trimble Terrain Navigator Pro
Topography based on USGS 1:24,000
Maps

North American 1983 Datum (NAD83)

To place on the predicted North American
1927 move the projection lines 15M N and
6M W

GN 1.14° W
MN 1.75° W



CONTOUR INTERVAL 10 FT

32089-G1-TM-024
PHILADELPHIA, MS
JAN 1, 1982



Atkins Street

Carver Avenue

Bell Avenue

Railroad Avenue

Rea Street

Cora Street

on Avenue

Corene Avenue

MS-GW-17290 032° 46' 36.8000" N 089° 06' 54.7000" W

King Avenue

Valley Street

Fox Avenue

Wilson Street

Railroad Avenue

Water Avenue

Pine Street

Gum Street

Methodist Church