

# 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)

County: Perry  
Permit #: MS-GW-17165  
Driller: Griner Drilling Service, Inc.  
Date drilling completed: 10/18/16

**For Office Use Only:**  
Well #: A0077  
Aquifer: MOCN  
E-Log #: \_\_\_\_\_

*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 <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Runnelstown Utility Association</u>	Latitude: <u>31°22.587'N</u> Longitude: <u>89°05.574'W</u> <u>31° 22' 35.22"</u> <u>89° 05' 34.44"</u>
Mailing Address: <u>14 Pumping Station Road</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Petal</u> <u>MS</u> <u>39465</u>	<u>SW</u> <u>SW</u> <u>22</u> <u>5N</u> <u>11W</u> <u>1/4</u> <u>1/4</u> , Sec <u>22</u> T <u>5N</u> R <u>11W</u>
City State Zip Code	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)
Telephone No. (____) _____	

**Well / Borehole Data**

Date drilling started: 9/23/15 Date drilling completed: 10/23/15 Hole depth: 667' Hole diameter: 17.5"

Location of the source of any surface water used for drilling: \_\_\_\_\_

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): Griner Drilling Service, Inc.

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: 167.20 feet [above or below] land surface Date measured: 05/25/16  
(circle one)

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

Well depth: 595' Well grouted to a depth of: 530' feet Type of grout (circle one): Neat Cement  Bentonite  Mix

Casing length: 530 feet Casing diameter: 12 3/4 inches Type of casing: Coated

Screen length: 45 feet Screen diameter: 8 5/8 inches Type of screen: Muni Pak

Screen slot size: .020 inches Setting depth: From 540 feet to 585 feet

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

Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: ~~460~~ 458 feet

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

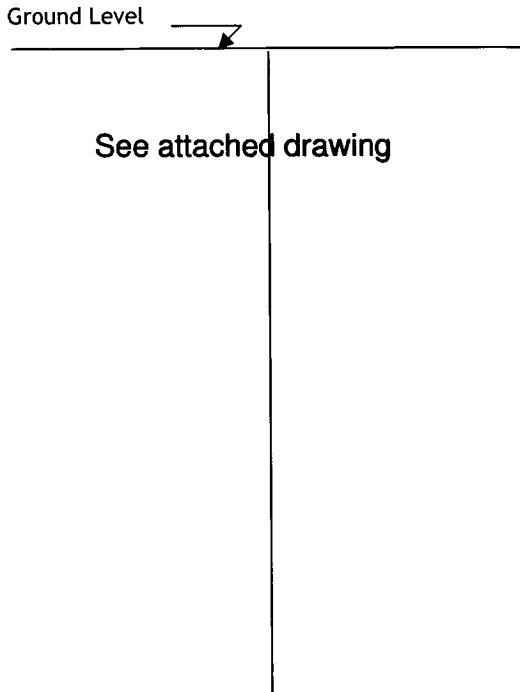
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BY OLWR

County: Perry  
 Permit #: MS-GW-17165

**For Office Use Only:**  
 Well #: A0077

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)	To (depth)
Gravel	Ground level	50'
Sand	50'	134'
Clay Streaks	134'	146'
Sand	146'	162'
Clay	162'	214'
Sand	214'	230'
Clay	230'	300'
Sand	300'	310'
Clay	310'	346'
Sand	346'	382'
Clay	382'	432'
Sand & Clay Streaks	432'	446'
Clay	446'	534'
Sand	534'	650'
Clay	650'	667'
Complete hole depth	667'	

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

see attached photo

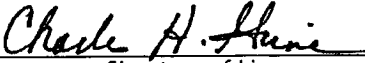
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Landowner Name: \_\_\_\_\_

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.

Charles H. Griner  
 Print Name of Responsible Licensee and License No.

09/30/16  
 Date

  
 Signature of Licensee

# 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: Perry  
 Permit #: MS-GW-17165  
 Driller: Griner Drilling Service, Inc.  
 Date completed: 10/18/16  
*Copy information from block on Part 1*

**For Office Use Only:**

Well #: A0077  
 Aquifer: MOCN

*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>Runnelstown Utility Association</u>	Latitude: <u>31°22.587'N</u> Longitude: <u>89°05.574'W</u>
Mailing Address: <u>14 Pumping Station Road</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <u>X</u> , Survey-grade GPS _____
<u>Petal</u> <u>MS</u> <u>39465</u>	<u>SW</u> <u>¼</u> <u>SW</u> <u>¼</u> , Sec <u>22</u> T <u>5N</u> R <u>11W</u>
City State Zip Code	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)
Telephone No. (____) _____	

**Pump Type (circle one)**

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

Date Pump Installed: 05/18/16 Rated Pump Capacity: 500 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: 75 Setting Depth: 300 feet Number of Stages: 9

**Pump Test Data for Non Flowing Well**

Date Well Tested: 05/25/16 Duration of Pump Test (minimum 4 hours): 10 hours

Static Water Level (A): 168 Feet Below Land Surface Pumping Water Level (B): 222 Feet Below Land Surface

Drawdown [(B) - (A)]: 54 Feet Below Land Surface Test Pumping Rate: 566 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: Water Specialties Meter Serial Number: 20160247

Meter Model Number/Name: ML-04 Type of Meter: Propeller

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): galx1000

Installation Date: \_\_\_\_\_ Meter installed by: Buddy Miller

Is This Meter (circle one):  New  Repaired  Replacement

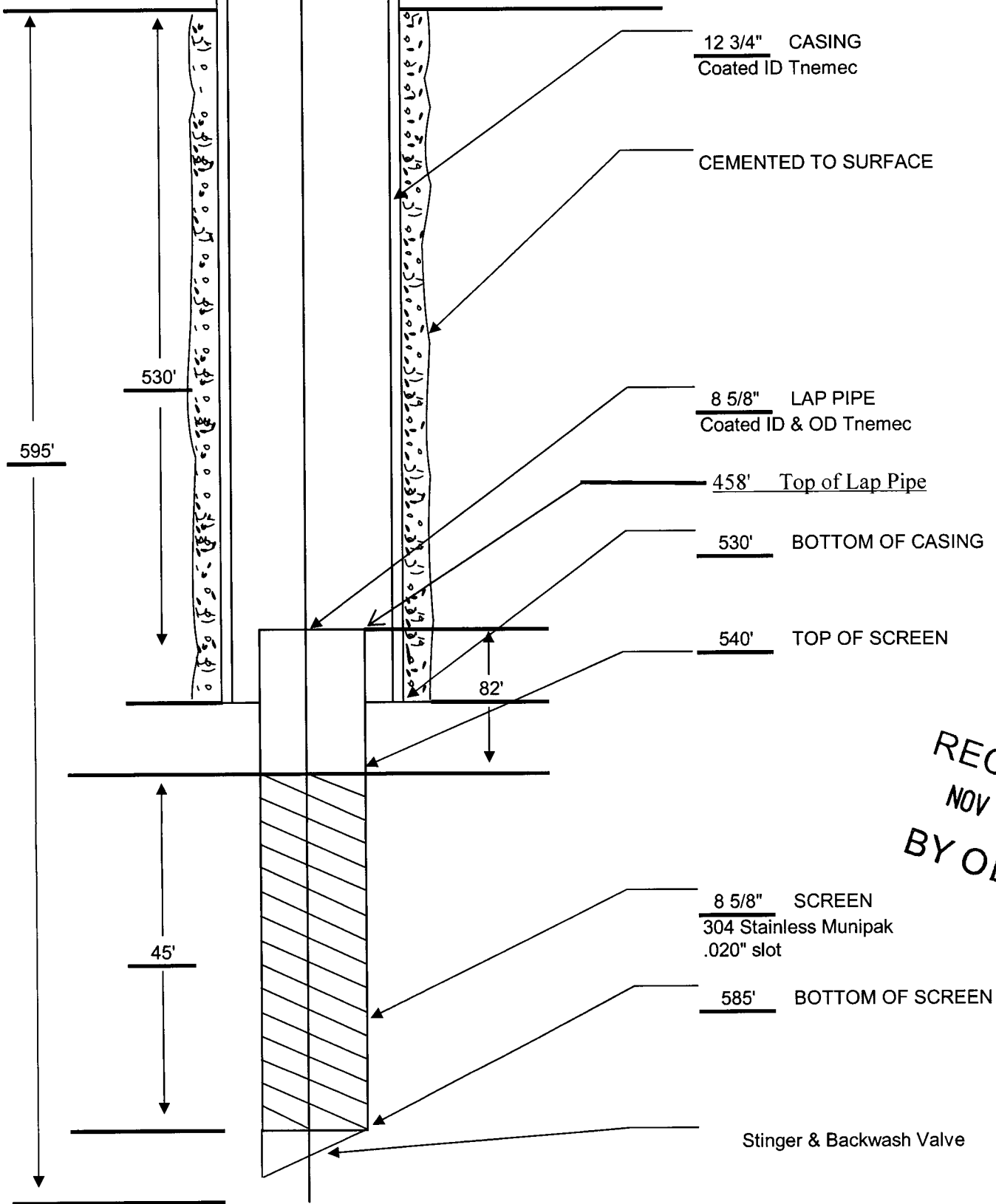
*Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.*

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

Charles H. Griner 09/30/16 Charles H. Griner  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

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Runnelstown Utility District  
Hwy 42 Permanent Potable Well  
2015



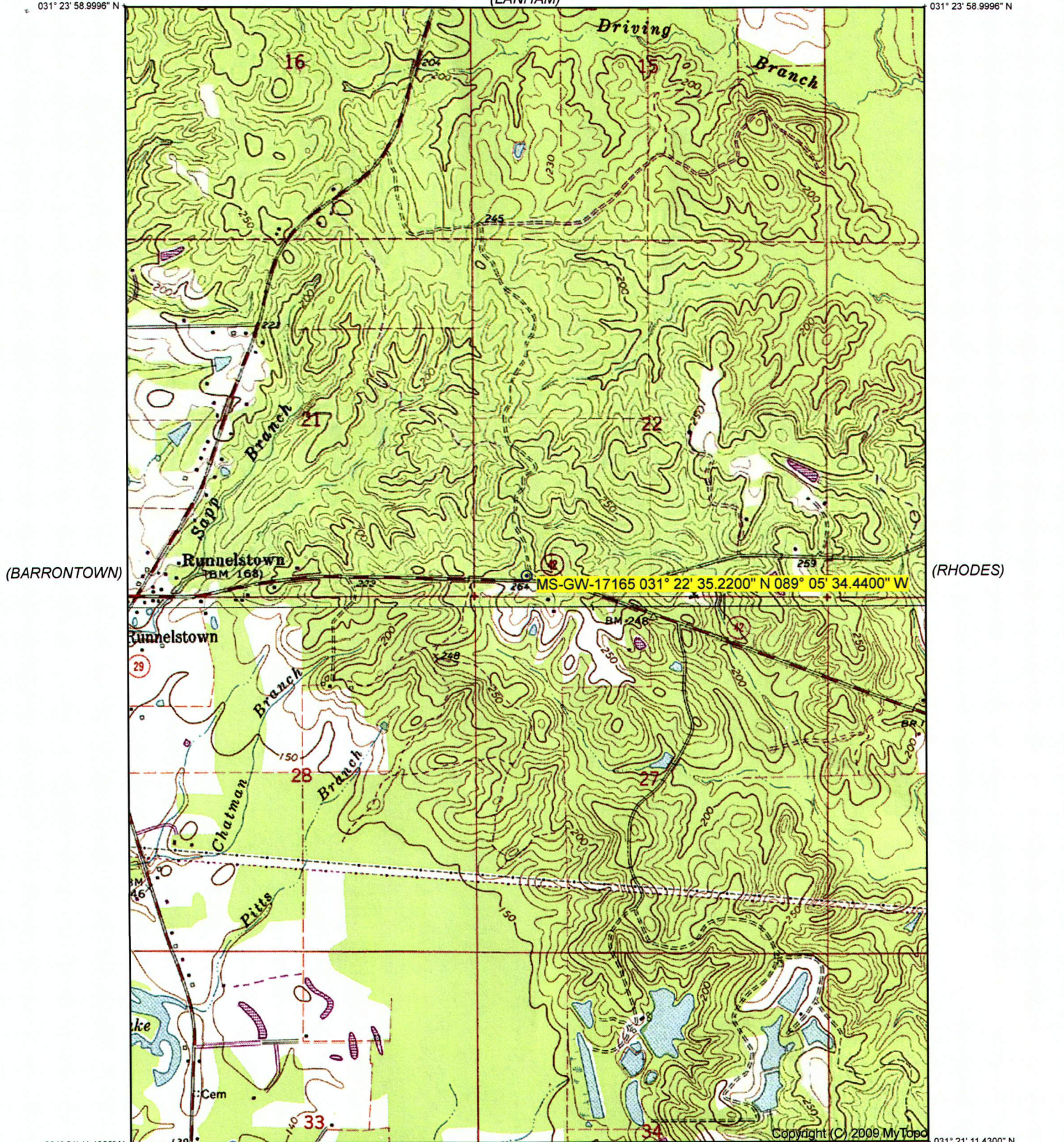
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089° 06' 43.7294" W  
031° 23' 58.9996" N

(LANHAM)

089° 04' 25.1849" W  
031° 23' 58.9996" N



031° 21' 11.4300" N  
089° 06' 43.7294" W

031° 21' 11.4300" N  
089° 04' 25.1849" W

(CARTERVILLE)

(OVETT SE)  
SCALE 1:24000

(RIGHTON)

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

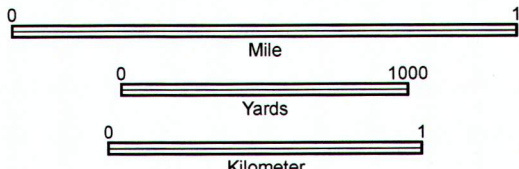
North American 1983 Datum (NAD83)  
Polyconic Projection

To place on the predicted North American  
1927 move the projection lines 19M N and  
5M W

Declination



GN 1.08° W  
MN 1.42° W



CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM 1929

OVETT, MS  
1964





MS-GW-17165 031.376450° N 089.092900° W