

# State Well Report

## Part I - Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 2309  
Jackson, MS 39225  
(601)961- 5210  
(601)961- 5228 (fax)

County: Pearl River  
Permit #: MS-GW-16558  
Driller: Griner Drilling Service, Inc.  
Date drilling completed: 11/25/09

For Office Use Only:  
Aquifer: D 109  
Well #: \_\_\_\_\_  
L. S. Elevation: \_\_\_\_\_  
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.*

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Pearl River County Utility Authority</u>	Latitude: <u>30° 55' 03.66" N</u> Longitude: <u>89° 26' 24.88" W</u>
Mailing Address: <u>925 Goodyear Blvd.</u>	Method of Lat/Long (check one): Conventional Survey <input type="radio"/>
<u>Picayune</u> <u>MS</u> <u>39466</u>	USGS quad <input type="radio"/> Hand-held GPS <input type="radio"/> Survey-grade GPS <input checked="" type="radio"/>
City State Zip Code	<u>SE</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$ Sec <u>36</u> Twn <u>1S</u> Rng <u>15W</u>
Telephone No. (____) _____	Distance Direction Nearest Town <u>8</u> Miles <u>NE</u> of <u>POPLARVILLE</u>

**Well / Borehole Data**

Date drilling started: 02-04-09 Date drilling completed: 11/25/09 Hole depth: 1302' Hole diameter: 7-7/8"

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 (check all applicable): None  Electric  Gamma Ray  Density  Sonic  Neutron  Other: \_\_\_\_\_  
Name of organization running log(s): \_\_\_\_\_

Purpose of borehole (check 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 (check one): Home  Industrial  Public Supply  Irrigation  Fish Culture  Other: \_\_\_\_\_

If a flowing well, method of flow regulation: Valve  Other (describe) \_\_\_\_\_

Static Water Level: 111 feet above  or below  land surface Date measured: 11/25/09

Method of Measurement (check one) steel tape  electric tape  air line  other: \_\_\_\_\_

Well depth: 300' Well grouted to a depth of 250 feet Type of grout (check one): Neat Cement  Bentonite  Mix

Casing length: 250 feet Casing diameter: 16 inches Type of casing: Steel A-53B

Screen length: 60 feet Screen diameter: 10 inches Type of screen: 304 Stainless Steel

Screen slot size: .020 inches Setting depth: From 260 feet to 330 feet

Type of completion (check all applicable): Gravel packed  Underreamed  Telescoped  Open hole   
Natural Development  Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: \_\_\_\_\_ feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A (04/08)

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BY: OLWR



# 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  
(601)961-5210  
(601)961-5228 (fax)

For Office Use Only:

Aquifer: D109

Well #: \_\_\_\_\_

Elevation: \_\_\_\_\_

County: Pearl River

Permit #: MS-GW-16558

Driller: Griner Drilling Service, Inc.

Date completed: 11/25/09

*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

Owner Name: Pearl River County Utility Authority

Mailing Address: 925 Goodyear Blvd.

Picayune MS 39466  
City State Zip Code

Telephone No. ( ) \_\_\_\_\_

### Well Location

Latitude: 30° 55' 03.66" N Longitude: 89° 26' 24.88" W

Method of Lat/Long (check one): Conventional Survey

USGS quad  Hand-held GPS  Survey-grade GPS

SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec 36 T 1S R 15W

Distance Direction Nearest Town  
8 Miles NE of Poplarville

### Pump Type

Check one

Air Lift  Jet  Submersible

Bucket  Piston  Turbine

Centrifugal  Rotary  Flowing Well

Other (specify): N/A

Date Pump Installed: 09/29/09

Rated Pump Capacity: 500 Gallons Per Minute

### Power Type

Check one

Diesel Engine  Gasoline Engine  Natural Gas

Electric Motor  Hand  Tractor PTO

Windmill  Other (specify): \_\_\_\_\_

Horse Power Rating of Motor: 40

Setting Depth: 180' Top Of Bowls feet

Number of Stages: 4

### Pump Test Data

Date Well Tested: 11/25/09

Static Water Level (A): 111 Feet Below Land Surface

Pumping Water Level (B): 135 Feet Below Land Surface

Drawdown [(B) - (A)]: 24 Feet Below Land Surface

Test Pumping Rate: 554 Gallons Per Minute

Duration of Pump Test (minimum 4 hours): 7 hours

### Method of Measuring Water Level

Check one

Air Line  Electric Measuring Line  Steel Tape

Other (specify): \_\_\_\_\_

For flowing well, measured shut in head: N/A feet

Well yielded \_\_\_\_\_ GPM with a drawdown of \_\_\_\_\_ feet after \_\_\_\_\_ hours of pumping

This is for (check one): New Well  Replacement of Existing Pump  Repair of Existing Pump

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

Charles H. Griner Sr. 0-184

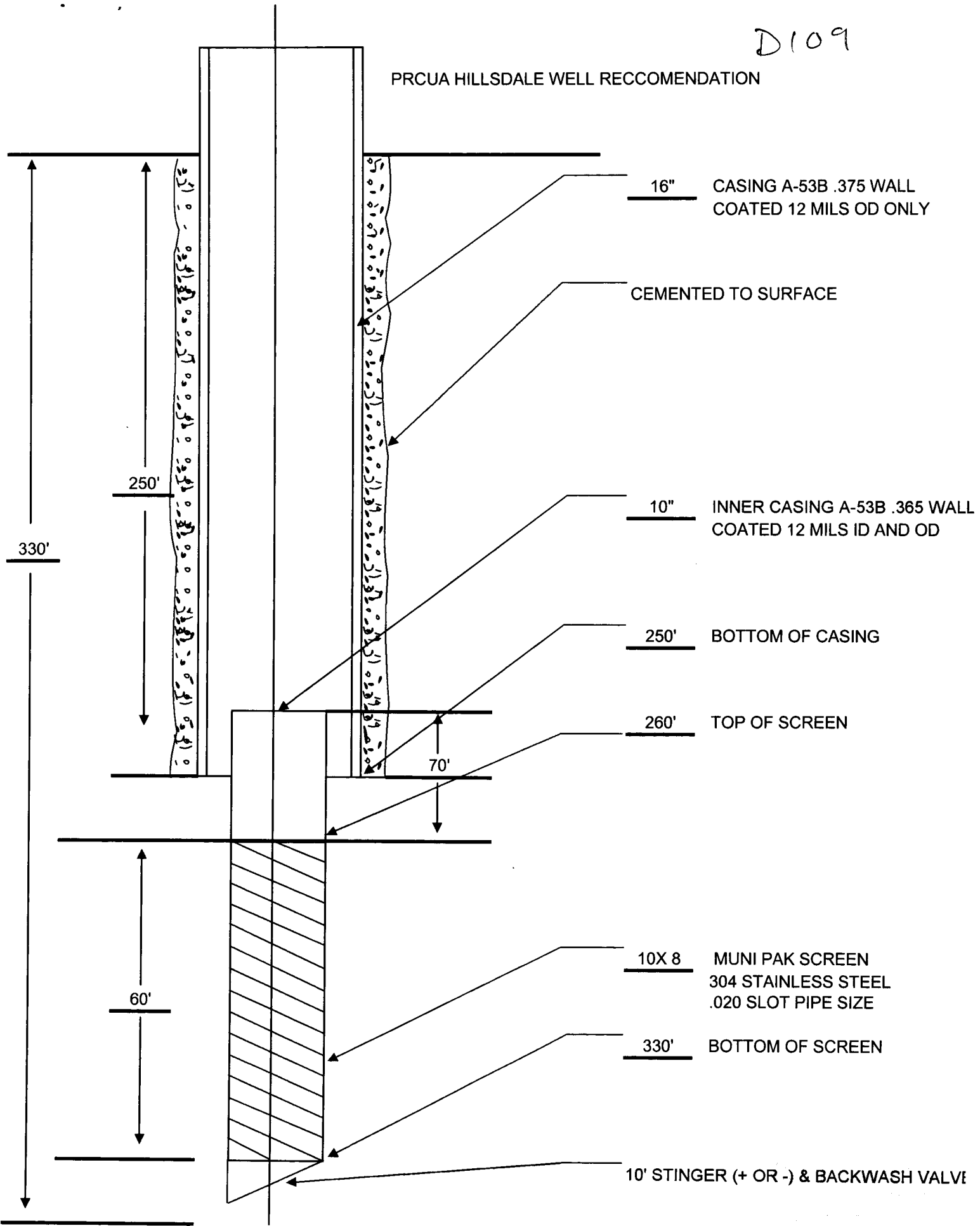
Print Name of Pump Installer and License No. (if applicable)

Charles H. Griner Sr.  
Signature of Pump Installer

Form: OLWR-SWR-1C (07-09)

D109

PRCUA HILLSDALE WELL RECCOMENDATION



16" CASING A-53B .375 WALL  
COATED 12 MILS OD ONLY

CEMENTED TO SURFACE

10" INNER CASING A-53B .365 WALL  
COATED 12 MILS ID AND OD

250' BOTTOM OF CASING

260' TOP OF SCREEN

10X 8 MUNI PAK SCREEN  
304 STAINLESS STEEL  
.020 SLOT PIPE SIZE

330' BOTTOM OF SCREEN

10' STINGER (+ OR -) & BACKWASH VALVE

330'

250'

60'

70'