

County: Pearl River
 Permit #: MS-GW-16558
 Driller: Griner Drilling Service, Inc.
 Date drilling completed: 03/03/09

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

For Office Use Only:
 Aquifer: _____
 Well #: C 84
 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' 14" N</u> Longitude: <u>89° 26' 48" W</u>
Mailing Address: <u>925 Goodyear Blvd.</u>	Method of Lat/Long (check one): Conventional Survey <input type="radio"/>
<u>Picayune MS 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 1/4 NE 1/4 Sec 36 Twn 1S Rng 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: 0303/09 Hole depth: 1304' 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*

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →

well drawing attached

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)
Clay	Ground Level	63.13
Sand and Gravel	63.13	94.13
Clay and Sand	94.13	125.40
Sand and Gravel	125.40	156.76
Sand and Clay	156.76	188.39
Clay and Sand	188.39	251.55
Sand	251.55	314.15
Sand and Clay	314.15	374.72
Clay and Sand	374.72	406.37
Streaked	406.37	469.71
Sand and Clay	469.71	626.49
Streaked	626.49	689.44
Clay	689.44	720.95
Streaked	720.95	752.16
Clay	752.16	814.86
Clay and Sand	814.86	846.41
Sand and Clay	846.41	938.95
Streaked	938.95	1033.89
Clay	1033.89	1065.56
Clay and Sand	1065.56	1096.04
Streaked	1096.04	1304.15

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) a north arrow.

see attached

Landowner Name: _____

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

I 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, Sr. 0-184

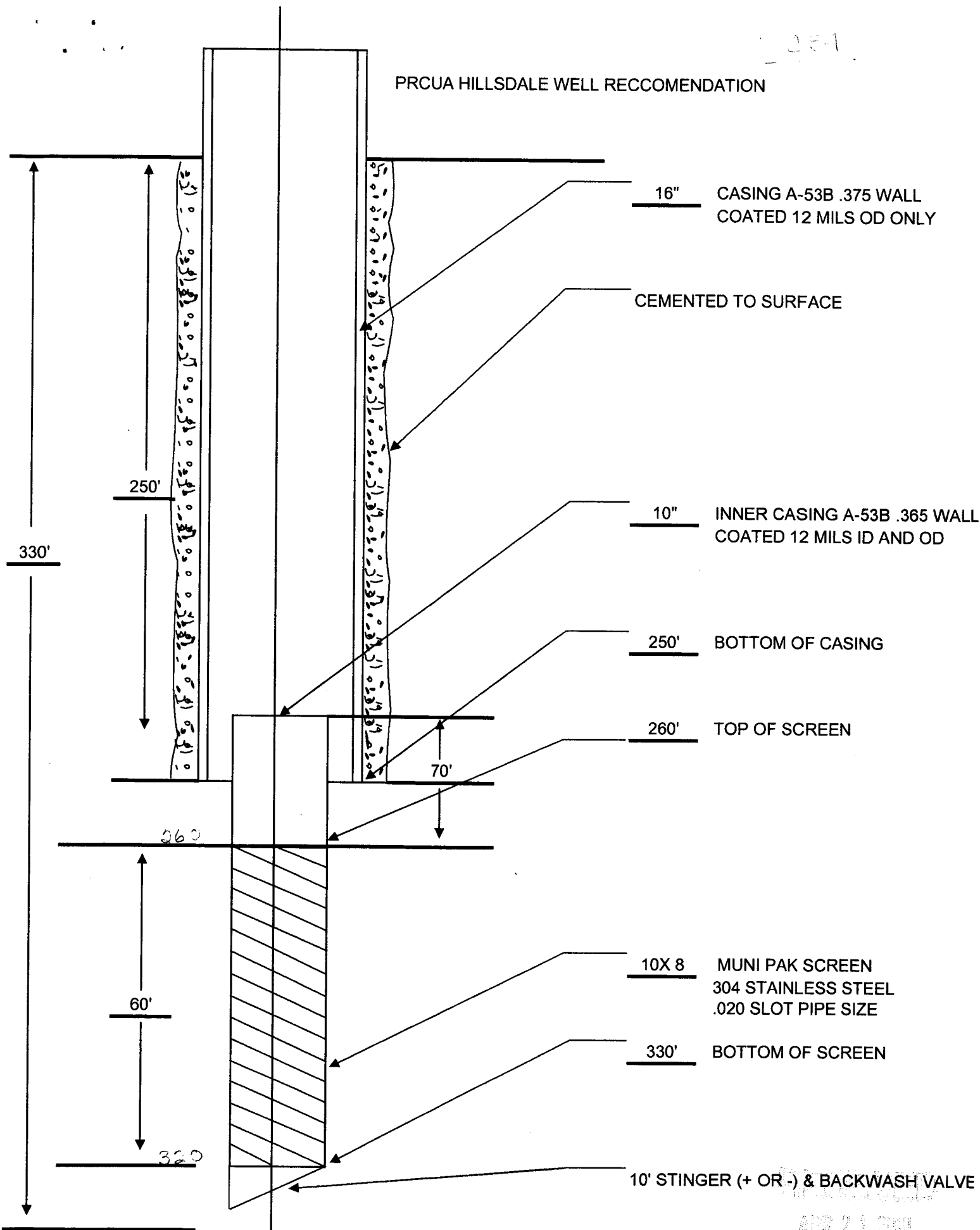
06/18/09

Print Name of Responsible Licensee and License No.

Date

Signature of Licensee

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

APR 21 2010

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