

Jun 23 06 09:02a

GRINER DRILLING SERVICE

6017311853

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Well Driller Report and Well Log

For Office Use Only:

County: Warren  
 Permit #: Well #9 1GW-16169  
 Driller: K. Buchanan  
 Date drilling completed: 9/30/2005

Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 10631  
 Jackson, MS 39289-0631  
 (601) 961-5210  
 (601) 354-6938 (fax)

Aquifer: \_\_\_\_\_  
 Well #: K-40  
 L.S. Elevation: \_\_\_\_\_  
 E-Log #: \_\_\_\_\_

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information	Well Location
Owner Name: <u>Hillsdale Water District, Inc.</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>4326 Lee Road</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Vicksburg</u> MS <u>39180</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>1/4</u> <u>1/4</u> Sec <u>36</u> Twn <u>16N</u> Rng <u>4E</u>
Telephone No. ( ) _____	Distance Direction Nearest Town <u>3</u> Miles <u>east</u> of <u>vicksburg</u>

**Well Data**

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

Date well drilling started: 5/19/2005 Date well drilling completed: 9/30/2005

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

Static Water Level: 244.75 feet above or (below) (circle one) land surface Date measured: \_\_\_\_\_

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

Hole depth: 383' Well depth: 380' Well grouted to a depth of 300' feet

Type of grout (circle one): Cement Bentonite (Mix)

Casing length: 300 feet Casing diameter: 16 inches Type of casing: Steel, Coated

Screen length: 40 feet Screen diameter: 10 inches Type of screen: Rod Base

Screen slot size .020 inches Setting depth: From 340 feet to 380 feet

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

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

Top of lap pipe or reduction in casing: 213.86 feet. If telescoped or more than one screen, describe on back of page

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.

I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Griner Drilling Service, Inc. 0-581

Print Name of Water Well Contractor and License No.

Chad H. [Signature]  
 Signature of Water Well Contractor

If well telescopes please sketch below and show depths



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GRINER DRILLING SERVICE

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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 10631  
Jackson, MS 39289-0631  
(601)961-5210  
(601)354-6938 (fax)

County:	Warren
Permit #:	Well #9
Driller:	K. Buchanan
Date Completed:	9/30/2005

For Office Use Only:	
Aquifer:	
Well #:	K-40
Elevation:	

This report must be prepared by the pump installer in detail and filed with the Department with 30 days of the installation of pump. A copy of Part 1 of this report must be attached to the report.

Well Owner Information		Well Location	
Owner Name	Hilldale Water District, Inc.	Latitude:	Longitude:
Mailing Address:	4326 Lee Road	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS	
Vicksburg	MS	39180	1/4 1/4 Sec 36 TwN 16N Rng 4E
City	State	Zip Code	
Telephone No.		Distance	Direction
		3 Miles	east of
			Nearest Town Vicksburg

Pump Type Circle one		Power Type Circle one		
Air Lift	Jet (Submersible)	Diesel Engine	Gasoline Engine	Natural Gas
Bucket	Piton Turbine	(Electric Motor)	Hand	Tractor PTO
Centrifugal	Rotary Flowing Well	Windmill	Other (specify):	
Other (specify):		Horse Power Rating of Motor:	50	
Date Pump Installed:	8/18/2005	Setting Depth:	345 feet	
Rated Pump Capacity:	300 Gallons per minute	Number of Stages:	11	

Pump Test Data		Method of Measuring Water Level Circle One	
Date Well Tested:	7/11/2005	Air Line	(Electric Measuring Line) Steel Tape
Static Water Level (A):	244.75 Feet Below Land Surface	Other (specify):	
Pumping Water Level (B)	274.02 Feet Below Land Surface	For flowing well, measured shut in head: feet	
Drawdown ((B) - (A)):	29.27 Feet Below Land Surface	Well yielded	302 GPM with a drawdown of
Test Pumping Rate:	302 Gallons Per Minute	29.27 feet after 24 hours of pumping	
Duration of Pump test (minimum 4 hours):	24 hours		

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

Griner Drilling Service, Inc. 0-581  
Print Name of Pump Installer and License No. (if applicable)

*Chad H. [Signature]*  
Signature of Pump Installer