

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)

County: Marion
 Permit #: Q10 16976
 Driller: Griner Drilling Service, Inc.
 Date drilling completed: 11/27/13

For Office Use Only:

Aquifer: _____
 Well #: 1474
 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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location						
Owner Name <u>Highway 98 East Water Association</u>	Latitude: <u>31 ° 16 '6.96N</u> Longitude: <u>89 ° 43 '50.23W</u>						
Mailing Address: <u>P.O. Box 265</u>	Method of Lat/Long (circle one): <u>Conventional Survey,</u>						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;"><u>Columbia</u></td> <td style="width: 33%;"><u>MS</u></td> <td style="width: 33%;"><u>39429</u></td> </tr> <tr> <td style="font-size: small;">City</td> <td style="font-size: small;">State</td> <td style="font-size: small;">Zip Code</td> </tr> </table>	<u>Columbia</u>	<u>MS</u>	<u>39429</u>	City	State	Zip Code	USGS quad, <u>Hand-held GPS,</u> Survey-grade GPS
<u>Columbia</u>	<u>MS</u>	<u>39429</u>					
City	State	Zip Code					
Telephone No. () _____	<u>SE ¼ NW ¼ Sec 32 Twn 4N Rng 17W</u>						
	Distance <u>5</u> Miles <u>E</u> Direction of <u>Nearest Town</u> of <u>Columbia, MS</u>						

Well / Borehole Data

Date drilling started: 11/18/13 Date drilling completed: 11/27/13 Hole depth: 1000' Hole diameter: 17"

Location of the source of any surface water used for drilling: N/A

Method of dosing and volume of Chlorine used in drilling and development: Mixed in mud pit

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 (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 N/A Other (describe) _____

Static Water Level: 221.91 feet above or below (circle one) land surface Date measured: 1/21/14

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

Well depth: 920 Well grouted to a depth of 860 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 920 ~~870~~ feet Casing diameter: 12 3/4 inches Type of casing: A53 B Steel

Screen length: 50 feet Screen diameter: 6x8 inches Type of screen: MuniPak

Screen slot size: .020 inches Setting depth: From 870 feet to 970 ~~920~~ feet

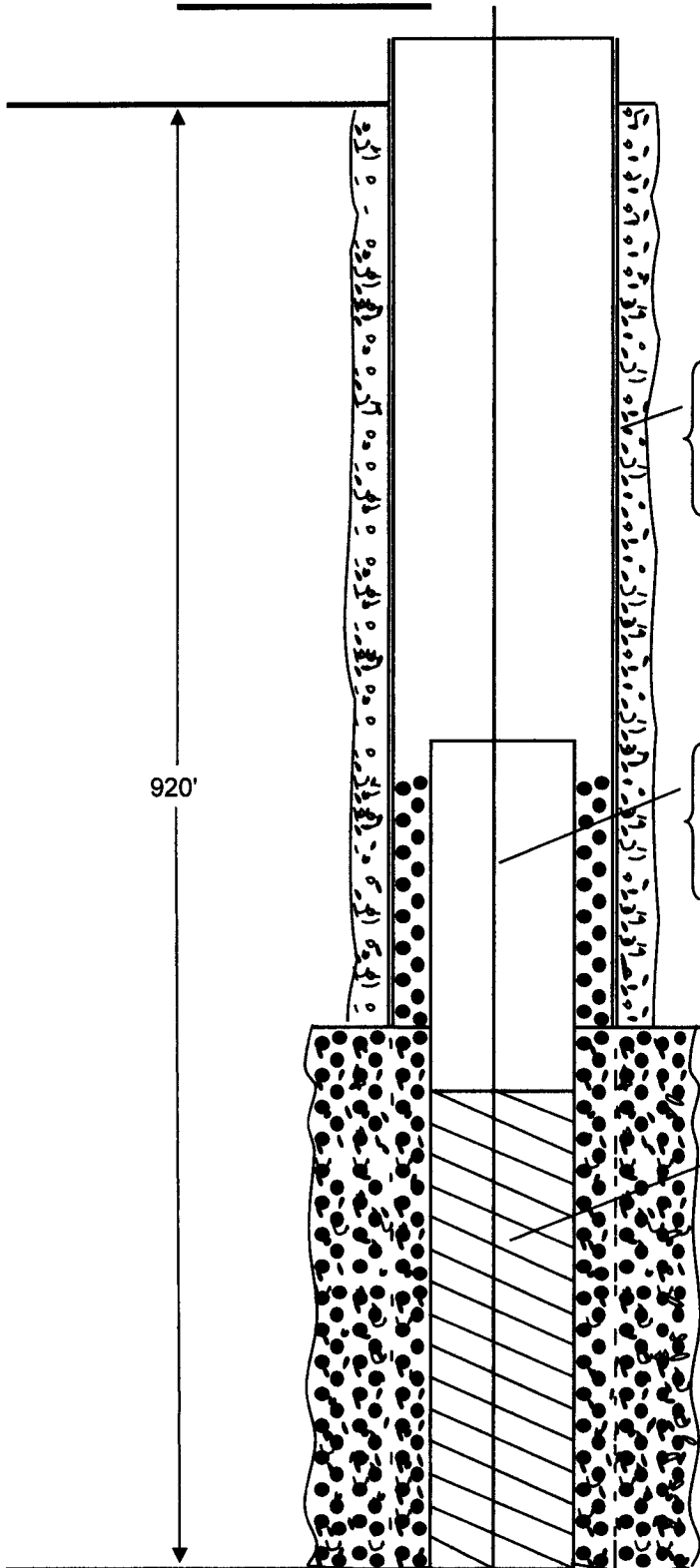
Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

Other (describe): _____

Top of lap pipe or reduction in casing: 780 feet. *If telescoped or more than one screen, describe on next page*

JOB Highway 98 East Water

WELL NAME Well No. 4



WELL CASING

SIZE:	12 3/4"
MATERIAL:	STEEL
BOTTOM:	860'

INNER CASING / LAP PIPE

SIZE:	8-5/8"
MATERIAL:	A53B STEEL
LENGTH:	90'
TOP:	790'
BOTTOM:	870'

WELL SCREEN

SIZE:	8" x 6"
TYPE:	Rod Base
MATERIAL:	304 SS
SLOT SIZE:	.020
TOP:	870'
BOTTOM:	920'

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)

County: Marion

Permit #: 66-16976

Driller: Griner Drilling Service, Inc.

Date completed: 2/26/15

Copy information from block on Part 1

For Office Use Only:

Aquifer: _____

Well #: H74

Elevation: _____

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>Highway 98 East Water Association</u>	Latitude: <u>31, 16' 6.96"N</u> Longitude: <u>89, 43' 50.23"W</u>
Mailing Address: <u>P.O. Box 265</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <u>X</u> , Survey-grade GPS _____
<u>Columbia</u> <u>MS</u> <u>39429</u> City State Zip Code	<u>SE 1/4 NW 1/4 Sec 32 T4N R17W</u>
Telephone No. (____) _____	Distance Direction Nearest Town <u>5</u> Miles <u>E</u> of <u>Columbia, MS</u>

Pump Type Circle one	Power Type Circle one
Air Lift <u>Jet</u> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>75 Hp</u>
Date Pump Installed: <u>4/22/14</u>	Setting Depth: <u>300</u> feet
Rated Pump Capacity: <u>400</u> Gallons Per Minute	Number of Stages: <u>10</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>1/21/14</u>	Air Line <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>221.91</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>251.38</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>29.48</u> Feet Below Land Surface	Well yielded <u>402</u> GPM with a drawdown of
Test Pumping Rate: <u>402</u> Gallons Per Minute	<u>29.48</u> feet after <u>24</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>24</u> hours	

This is for (circle 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 Charles H. Griner
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer