

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)

For Office Use Only:

Well #: A0269
Aquifer: MOCN
E-Log #: 0570008-05

County: Pike
Permit #: MS-GW-17196
Driller: Griner Drilling Service, Inc.
Date drilling completed: 3/23/16

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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>North Pike Water Association</u>	Latitude: <u>N31° 17'56.51"</u> Longitude: <u>W90° 27'12.40"</u>
Mailing Address: <u>PO Box 445</u>	Method of Lat/Long (check one): Conventional Survey <input checked="" type="checkbox"/> , USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Summit</u> MS <u>39666</u>	<u>SW</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$, Sec <u>24</u> T <u>4-N</u> R <u>7-E</u>
City State Zip Code	<u>1.3</u> Miles <u>NE</u> of <u>Summit</u>
Telephone No. (<u>601</u>) <u>276-3268</u>	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 10/2014 Date drilling completed: 1/2015 Hole depth: 782 Hole diameter: 21"
Location of the source of any surface water used for drilling: North Pike WA - 8" line (Distribution)
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: 220.78 feet [above or below] land surface Date measured: 11/6/14
(circle one)
Method of measurement (circle one): Steel tape _____ Electric tape _____ Air line _____ Other (describe): _____
Well depth: 572 Well grouted to a depth of: 472 feet Type of grout (circle one): Neat Cement _____ Bentonite _____ Mix _____
Casing length: 475 feet Casing diameter: 16 inches Type of casing: Coated Steel
Screen length: 50 feet Screen diameter: 10 inches Type of screen: Stainless Steel
Screen slot size: 0.020 inches Setting depth: From 482 feet to 532 feet
Type of completion (circle all applicable): Gravel packed _____ Underreamed _____ Open hole _____ Natural Development _____
Other (describe): _____
Top of lap pipe or reduction in casing: 422 feet

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

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County: Pike

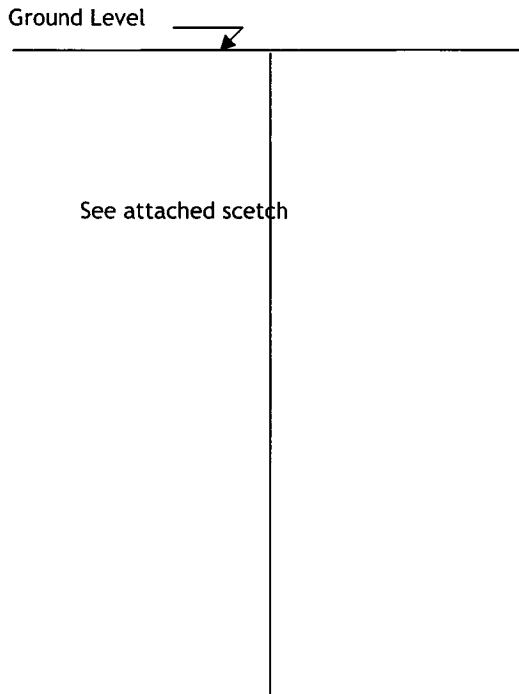
Permit #: MS-GW-17196

For Office Use Only:

Well #: A0269

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)
Collar - Gravel - Sand	Ground level	61.80
Gravel	61.80	124.52
Gravel - Clay	124.52	155.86
Clay	155.86	187.24
Clay - Sand	187.24	218.43
Clay	218.43	248.54
Streaked	248.54	279.86
Sand - Clay	279.86	311.52
Clay	311.52	405.12
Streaked	405.12	436.70
Sand - Clay	436.70	468.28
Sand	468.28	560.88
Streaked	560.88	592.53
Clay	592.53	623.73
Clay - Sand	623.73	655.26
Streaked	655.26	718.18
Clay - Rock - Clay	718.18	753.18
Streaked	753.18	782.00

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 sketch

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Landowner Name: North Pike Water Association. Darrell Stewart, President

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.

Print Name of Responsible Licensee and License No. _____ 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: Pike
 Permit #: MS-GW-17196
 Driller: Griner Drilling Service, Inc.
 Date completed: 3/23/16
Copy information from block on Part 1

For Office Use Only:

Well #: A0269
 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>North Pike Water Association</u>	Latitude: <u>N31° 17'56.51"</u> Longitude: <u>W90° 27'12.40"</u>
Mailing Address: <u>PO Box 445</u>	Method of Lat/Long (check one): Conventional Survey <input checked="" type="checkbox"/> , USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
Summit <u>MS</u> 39666	SW <u>1/4</u> NE <u>1/4</u> , Sec <u>24</u> T <u>4-N</u> R <u>7-E</u>
City _____ State _____ Zip Code _____	1.3 Miles <u>NE</u> of Summit
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
 Date Pump Installed: 1/21/16 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: 400 feet Number of Stages: 3Phase

Pump Test Data for Non Flowing Well

Date Well Tested: 3/23/16 Duration of Pump Test (minimum 4 hours): 5 hours
 Static Water Level (A): 220.82 Feet Below Land Surface Pumping Water Level (B): 283.47 Feet Below Land Surface
 Drawdown [(B) - (A)]: 625.65 Feet Below Land Surface Test Pumping Rate: 503 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: _____
 Meter Model Number/Name: ML04-06, McCrometer Type of Meter: Flanged Tube, Propeller
 Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): Galx1000
 Installation Date: March 2016 Meter installed by: Andy Brown
 Is This Meter (circle one): New Repaired Replacement

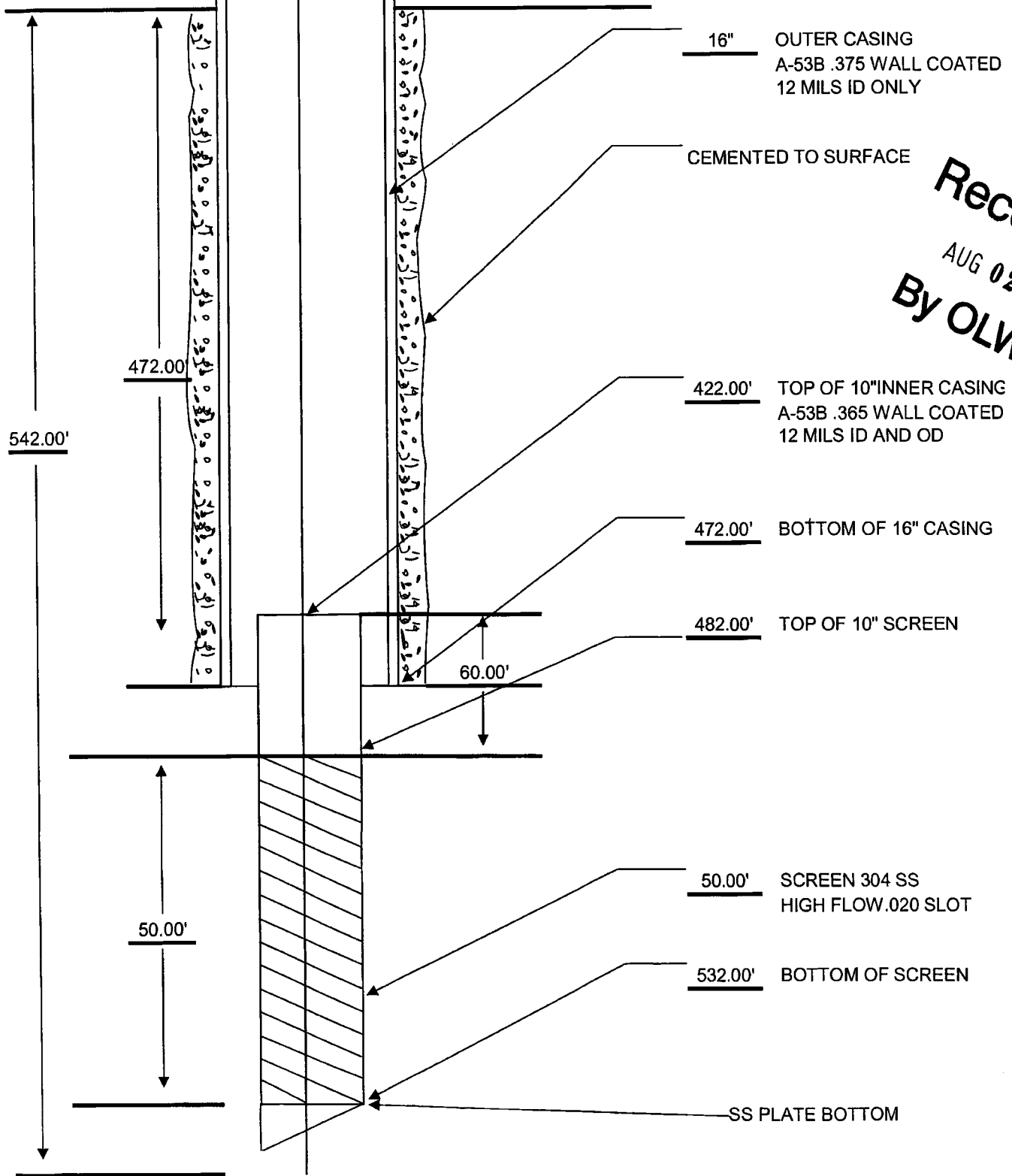
Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

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

Griner Drilling Service, Inc. 0-184 7/18/16 Charles H. Griner
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

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NORTH PIKE WATER ASSOCIATION WELL 3 ACROSS INTERSTATE
10 22 2014



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DATE	BY	REVISIONS
JANUARY 2016	B.W.	
AS NOTED (2/16)		
BY R. HOKMES		
BY B. WHITE		

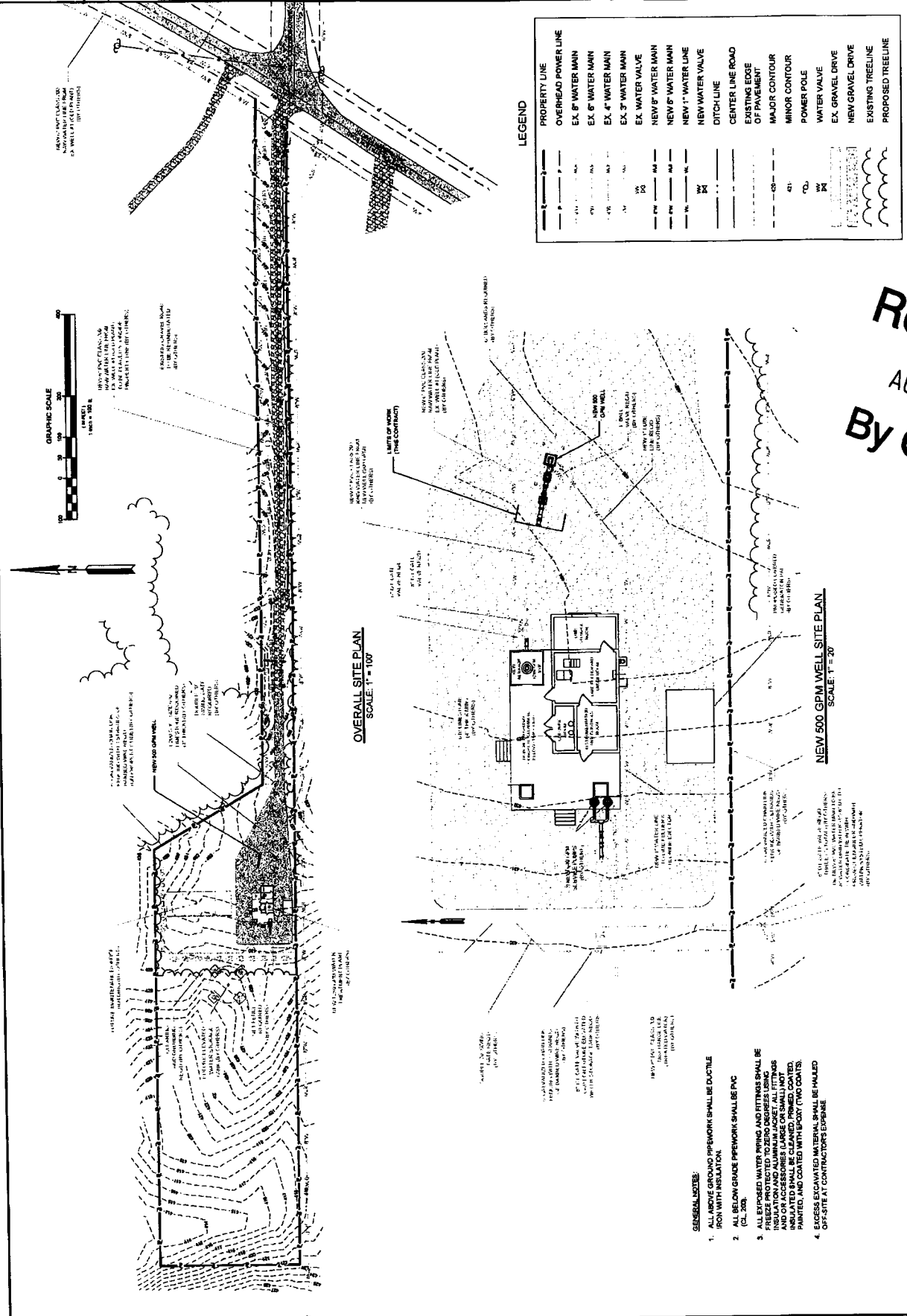
DUNGAN ENGINEERING
 120 East Chickadee Street Brookhaven, MS 38901
 (601) 423-7226 (7) 601-423-1619

NORTH PIKE WATER ASSOCIATION
 NEW 500 GPM WATER WELL
 JOHNSON STATION ROAD
 PIKE COUNTY, MISSISSIPPI

26572001
 SHEET NO
2.1

LEGEND

PROPERTY LINE	---
OVERHEAD POWER LINE	—●—
EX. 8" WATER MAIN	—●—
EX. 6" WATER MAIN	—●—
EX. 4" WATER MAIN	—●—
EX. 3" WATER MAIN	—●—
EX. WATER VALVE	—●—
NEW 8" WATER MAIN	—●—
NEW 6" WATER MAIN	—●—
NEW 4" WATER VALVE	—●—
DITCH LINE	—●—
CENTER LINE ROAD	—●—
EXISTING EDGE OF PAVEMENT	—●—
MAJOR CONTOUR	—●—
MINOR CONTOUR	—●—
POWER POLE	—●—
WATER VALVE	—●—
EX. GRAVEL DRIVE	—●—
NEW GRAVEL DRIVE	—●—
EXISTING TREELINE	—●—
PROPOSED TREELINE	—●—



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