County: Simpson
Permit #: G0017187
Driller: Water Well Services
Date drilling completed: 4-15-16

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 #: B73
L. S. Elevation: 408
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)

Owner Name: SW Rankin Water Association
Mailing Address: 201 South County Line Rd
Florence Ms 39073
City State Zip Code
Telephone No. (601) 845-2440

Well or Borehole Location

Latitude: 32 . 02 . 52 N (OK) Longitude: 90 . 07 . 53 W (OK)
Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
NW¼ NE¼ Sec 6 Twn 2N Rng 2E
Distance 3 Miles Direction North of Harrisville, Ms

Well / Borehole Data

Date drilling started: 2-16-16 Date drilling completed: 4-15-16 Hole depth: 300 Hole diameter: 17 3/4
Location of the source of any surface water used for drilling: S.W. Rankin Water
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): State Logger. B-0073

Purpose of borehole (check one): Water Well X 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 X Irrigation ___ Fish Culture ___ Other:
If a flowing well, method of flow regulation: Valve ___ Other (describe)
Static Water Level: 137 feet above or below (circle one) land surface Date measured: 2-21-16
Method of Measurement (circle one) steel tape (electric tape) air line other:
Well depth: 285 Well grouted to a depth of 238 feet Type of grout (circle one): (Neat Cement) Bentonite Mix
Casing length: 238 feet Casing diameter: 12 3/4 inches Type of casing: Steel
Screen length: 40 feet Screen diameter: 8 inches Type of screen: Wire wrap S.S.
Screen slot size: 0.20 inches Setting depth: From 240 feet to 280 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: 200 feet. ***If telescoped or more than one screen, describe on next page***

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

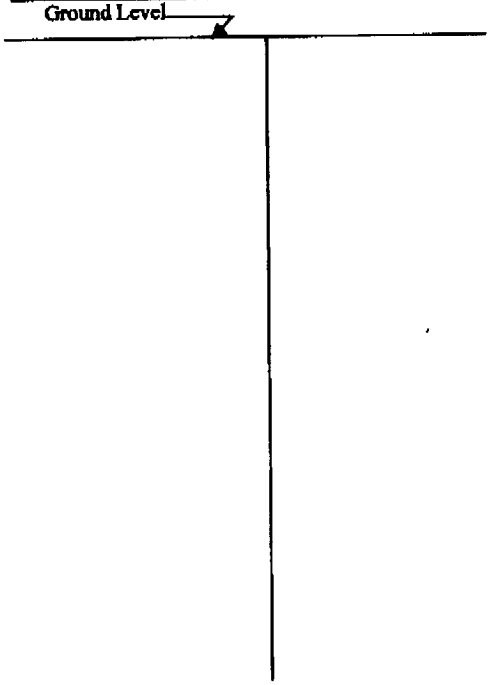
Received
APR 27 2016
By OLWR

B73

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level

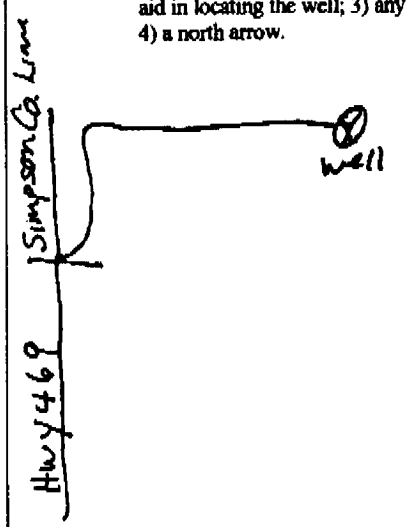


If more than one screen, show location of each on sketch

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)
	Ground Level	
Clay and Sand	0	90
Sand	90	120
Clay	120	210
Sand	210	230
Clay	230	240
Sand (course)	240	280
Clay	280	285

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.



Landowner Name: S/W Rankin Water Association

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.

Arnold Fincher 0598 4-27-16 Arnold Fincher

Print Name of Responsible Licensee and License No. **Date** **Signature of Licensee**

Received

APR 27 2016

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)

County: Simpson
Permit #: G N-17187
Driller: Water Well Services
Date completed: 8-1-16
Copy information from block on Part 1

For Office Use Only:
Aquifer:
Well #: B73
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

Owner Name: S/W Rankin Water Association
Mailing Address: 201 South County Line Rd
Florence Ms 39073
City State Zip Code
Telephone No. (601) 845-2440

Well Location

Latitude: 32 02 ~~53~~ N OK Longitude: 90 17 ~~53~~ W OK
Method of Lat/Long (check one): Conventional Survey___, USGS quad___, Hand-held GPS___, Survey-grade GPS___
SW ¼ NW ¼ Sec 6 T 2N R 2E
NW NE
Distance Direction Nearest Town
3 Miles North of Harrisville, Ms

Pump Type
Circle one

Air Lift, Jet, Submersible
Bucket, Piston, (Turbine)
Centrifugal, Rotary, Flowing Well
Other (specify):
Date Pump Installed: 7-27-16
Rated Pump Capacity: 200 Gallons Per Minute

Power Type
Circle one

Diesel Engine, Gasoline Engine, Natural Gas
(Electric Motor), Hand, Tractor PTO
Windmill, Other (specify):
Horse Power Rating of Motor: 40
Setting Depth: 215 feet
Number of Stages: 12

Pump Test Data

Date Well Tested:
Static Water Level (A): 137 Feet Below Land Surface
Pumping Water Level (B): 185 Feet Below Land Surface
Drawdown [(B) – (A)]: 48 Feet Below Land Surface
Test Pumping Rate: 200 Gallons Per Minute
Duration of Pump Test (minimum 4 hours): 24 hours

Method of Measuring Water Level
Circle one

Air Line, (Electric Measuring Line), Steel Tape
Other (specify):
For flowing well, measured shut in head: ___ feet
Well yielded ___ GPM with a drawdown of ___ feet after ___ hours of pumping

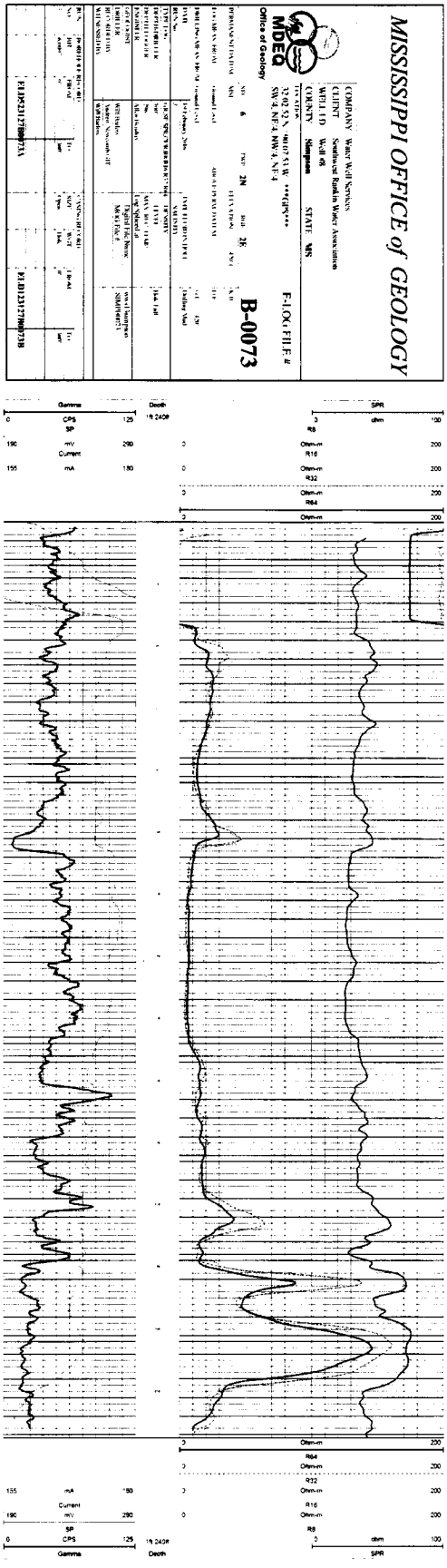
I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Arnold Fincher Sr 0598
Print Name of Pump Installer and License No. (if applicable)

Signature of Pump Installer

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

Received
AUG 02 2016
By OLWR

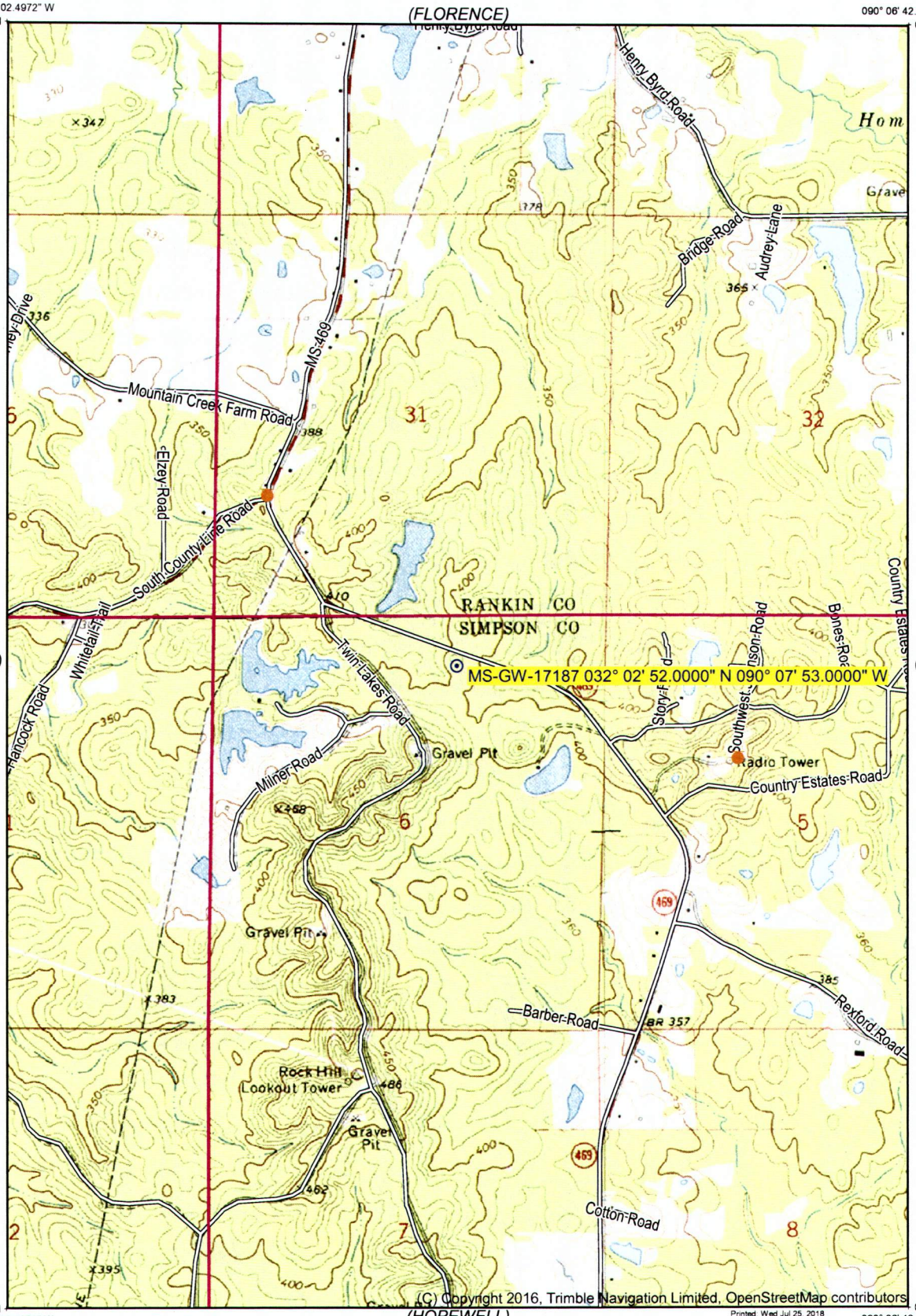

MISSISSIPPI OFFICE of GEOLOGY
MDEQ
Office of Geology
COMPANY Water Well Services
CLIENT Southwest Rankin Water Association
WELL ID Well #6
COUNTY Hinds STATE MS
F-LOG FILE #
B-0073
Gamma
CPS
SP
mV
Current
mA
Depth
SPR
ohm
R8
R16
R32
R64
Ohm-m

WHITES QUADRANGLE
MISSISSIPPI
TOPOGRAPHIC SERIES

(NEW BYRAM) (FLORENCE) (WHITFIELD)

090° 09' 02.4972" W
032° 04' 15.5278" N

090° 06' 42.9072" W
032° 04' 15.5278" N



(TERRY) (STAR)

(C) Copyright 2016, Trimble Navigation Limited, OpenStreetMap contributors

032° 01' 27.9252" N
090° 09' 02.4972" W

032° 01' 27.9252" N
090° 06' 42.9072" W

Printed: Wed Jul 25, 2018

(CRYSTAL SPRINGS) (HOPEWELL) (HARRISVILLE)

SCALE 1:24000

Declination

MN GN

GN 1.52° E
MN 0.99° W

0 1
Mile

0 1000
Yards

0 1
Kilometer

CONTOUR INTERVAL 10 FT

Produced by Trimble Terrain Navigator Pro
Topography based on USGS 1:24,000 Maps

North American 1983 Datum (NAD83)

To place on the predicted North American 1927 move the projection lines 17M N and 8M W

32090-A2-TM-024
WHITES, MS
JAN 1, 1971