

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)

County: Marshall
Permit #: MS-CW-17381
Driller: Donald Smith Co., Inc.
Date drilling completed: 7/20/18

For Office Use Only:
Well #: Y37
Aquifer: _____
E-Log #: _____

RECEIVED
JAN 22 2018
BY OLWR

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 <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>BCM Water Assoc</u>	Latitude: <u>34 32 59.9N</u> Longitude: <u>89 17 34.3 W</u>
Mailing Address: <u>122 West Bankhead St</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>New Albany MS 38652</u>	_____ 1/4 _____ 1/4, Sec <u>22</u> T. <u>6S</u> R. <u>1W</u>
City State Zip Code	<u>7</u> Miles <u>S</u> of <u>Potts Camp, MS</u>
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 5/14/18 Date drilling completed: 7/20/18 Hole depth: 727 Hole diameter: 17 3/4"

Location of the source of any surface water used for drilling: Public Water Supply

Method of dosing and volume of Chlorine used in drilling and development: Pot-ble Water Used

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): MS Office of Geology

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: 46.27 feet [above or below] land surface Date measured: 7/11/18

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Well depth: 685' Well grouted to a depth of: ~~620~~ 565 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 620 feet Casing diameter: 12 inches Type of casing: Carbon Steel

Screen length: 60 feet Screen diameter: 8 inches Type of screen: SS Ribbed

Screen slot size: .030 inches Setting depth: From 560 ⁶²⁵ feet to 620 ⁶⁸⁵ feet

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

Other (describe): _____

Top of lap pipe or reduction in casing: ~~500~~ ⁵⁶⁵ feet

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

County: Marshall
 Permit #: MS-GW-17381

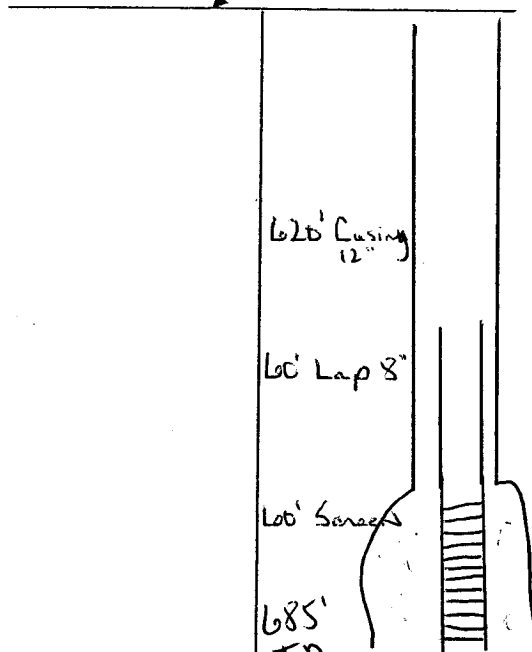
For Office Use Only:
 Well #: Y37

The sketch below only required for water wells

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

If well telescopes, show depths on sketch.

Ground Level →

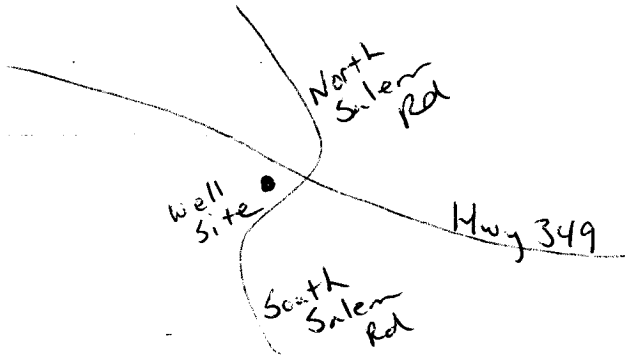


Description of Formations Encountered	From (depth)	To (depth)
	Ground level	
Brown Clay	0	12
Blue & White Sandy Chalk	12	24
Blue & Gray Chalky Clay	24	85
Soft Blue Clay	85	160
Blue Clay	160	558
Sand	558	585
Blue Clay	585	625
Sand	625	690
Sandy Clay	690	727

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



Landowner Name: _____

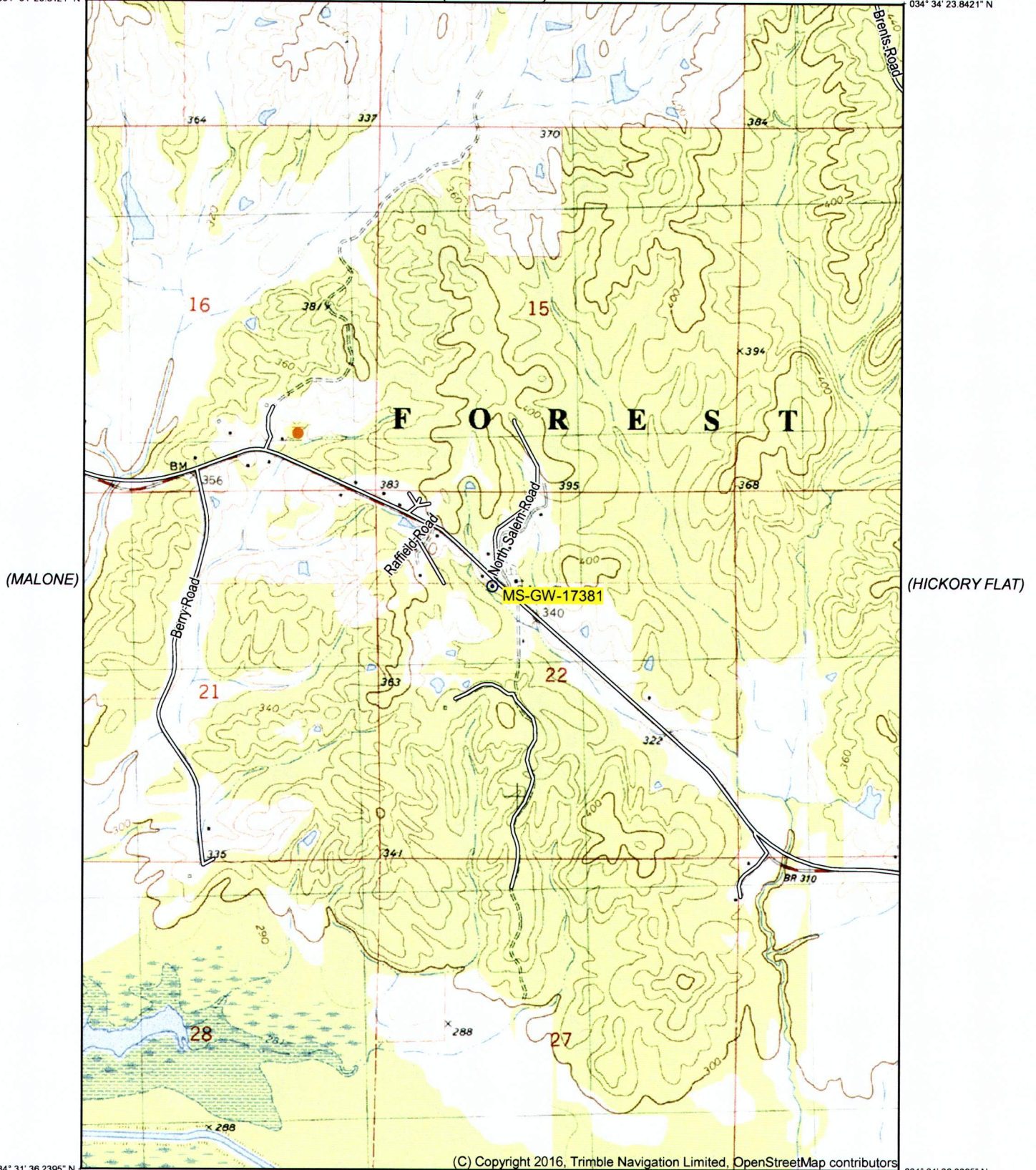
I HEREBY CERTIFY that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Robert Young Jr. UNR-5671 1/16/19 Robert Young Jr.
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

089° 18' 46.1366" W
034° 34' 23.8421" N

(POTTS CAMP)

089° 16' 22.4834" W
034° 34' 23.8421" N



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Printed: Fri Jan 25, 2019

034° 31' 36.2395" N
089° 18' 46.1366" W

034° 31' 36.2395" N
089° 16' 22.4834" W

(BAGLEY LAKE)

(PUSKUS LAKE)
SCALE 1:24000

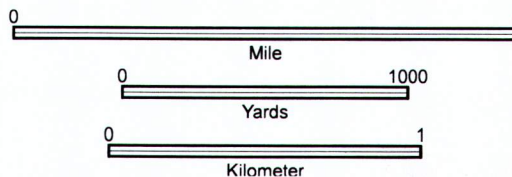
(ETTA)

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 11M N and
7M W

Declination



CONTOUR INTERVAL 20 FT

34089-E3-TM-024
BETHLEHEM, MS
JAN 1, 1982