

214

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 #: A 0096
Aquifer: MRVA
E-Log #: _____

County: Quitman
Permit #: MS-60-47632
Driller: James Hagger
Date drilling completed: 7/25/13

Local Name # 9 P. vot

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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>ELVIS RIVER FARMS</u>	Latitude: <u>34° 27' 01" N</u> Longitude: <u>90° 17' 54" W</u>
Mailing Address: <u>3724 McEntire Farms</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Pine Bluff</u> <u>AR</u> <u>71601</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>NE NW SE NW</u> <u>1/4 1/4 1/4 1/4</u> , Sec <u>30</u> T <u>7 S</u> R <u>10 W</u>
Telephone No. <u>(786) 310-7673</u>	<u>5</u> Miles <u>West</u> of <u>Sledge</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 7/25/13 Date drilling completed: 7/25/13 Hole depth: 113' Hole diameter: 24"

Location of the source of any surface water used for drilling: ditch water

Method of dosing and volume of Chlorine used in drilling and development: 9 gallon Per 1000 water

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

Name of organization running log(s): _____

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: 21 feet [above or below] land surface Date measured: 6/25/13
(circle one)

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

Well depth: 113' Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 73 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From ~~73~~ 73 feet to 113 feet

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

Other (describe): _____

Top of lap pipe or reduction in casing: _____ feet

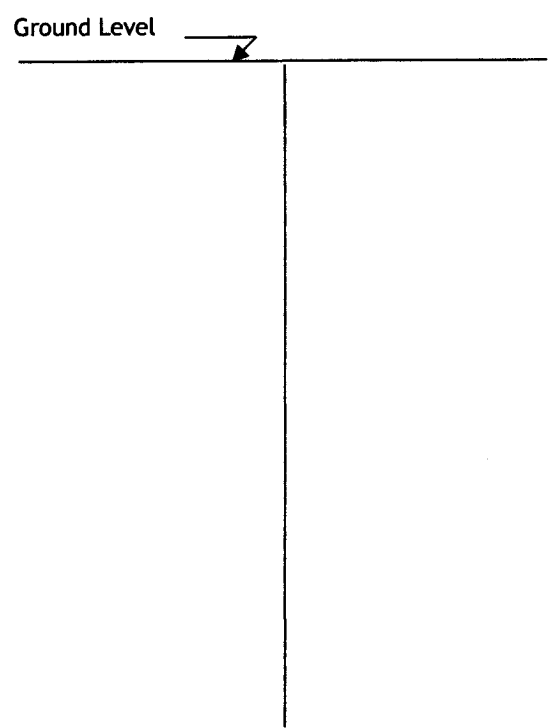
If telescoped or more than one screen, describe on next page

County: Quitman
 Permit #: UNK-00000542

For Office Use Only:
 Well #: A 0096

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)
Clay	Ground level	10
clay sand mix	10	22
Fine medium	22	30
medium coarse mix	30	70
	70	120

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 # 5

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AUG 06 2013

BY **CLWR**

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.

James Hagger ⁵⁴² ~~542~~ 7-31-13
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

214

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)

For Office Use Only:

Well #: A0096

Aquifer: MRVA

County: Quitman
Permit #: UNR-0000542
Driller: James Hagger
Date completed: 7/25/13
Copy information from block on Part 1

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>Elvis River Farms</u>			Latitude: <u>34° 27' 01"</u> Longitude: <u>90° 17' 54"</u>		
Mailing Address: <u>3724 McEntire Road</u>			Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/> , USGS quad <input type="checkbox"/> , Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS <input type="checkbox"/>		
<u>Pine Bluff</u> City	<u>AR</u> State	<u>71601</u> Zip Code	____ 1/4 ____ 1/4, Sec ____ T ____ R ____		
Telephone No. <u>(786) 310-7673</u>			<u>5</u> Miles <u>West</u> of <u>Sledge</u> (Distance) (Direction) (Nearest Town)		

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 7/25/13 Rated Pump Capacity: 1600 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: 60 Setting Depth: 70 feet Number of Stages: 2

Pump Test Data for Non Flowing Well

Date Well Tested: 7/25/13 Duration of Pump Test (minimum 4 hours): _____ hours

Static Water Level (A): 21 Feet Below Land Surface Pumping Water Level (B): 41 Feet Below Land Surface

Drawdown [(B) - (A)]: 20 Feet Below Land Surface Test Pumping Rate: 1600 Gallons Per Minute

Method of measurement (circle one): Steep 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: _____ Meter Serial Number: _____

Meter Model Number/Name: _____ Type of Meter: _____

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____

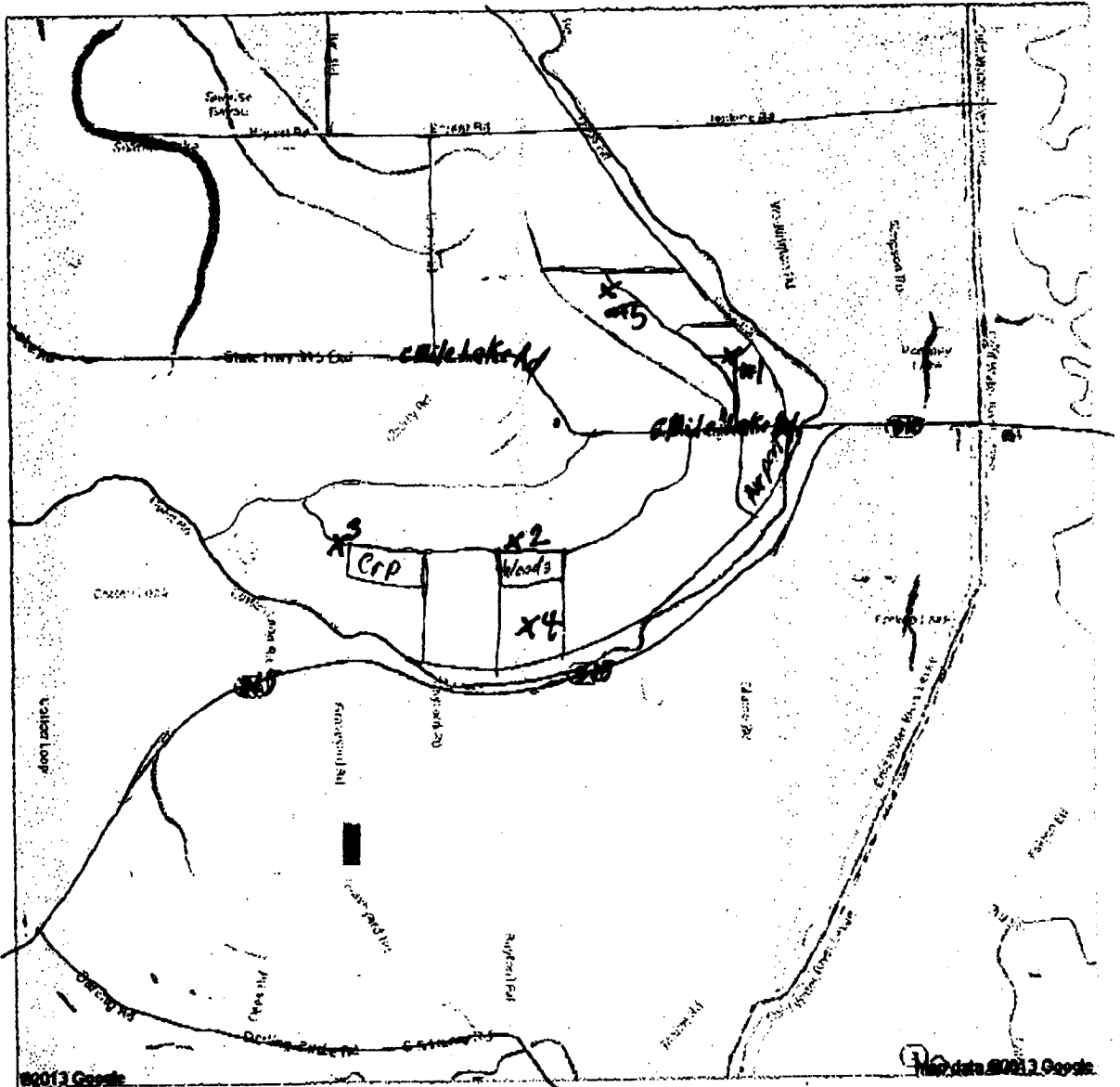
Installation Date: _____ Meter installed by: _____

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.

James Hagger 542 7-31-13 James Hagger
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer



- #1 Lat 34° 26' 44.6" Lng 90° 17' 15.5" Pipe line
- #2 Lat 34° 25' 28.4" Lng 90° 19' 12.7" #1 Pivot
- #3 Lat 34° 25' 28.5" Lng 90° 19' 45.5" #2 Pivot
- #4 Lat 34° 25' 06.1" Lng 90° 19' 01.1" #3 Pivot
- #5 Lat 34° 27' 01.2" Lng 90° 17' 54.4" #4 Pivot

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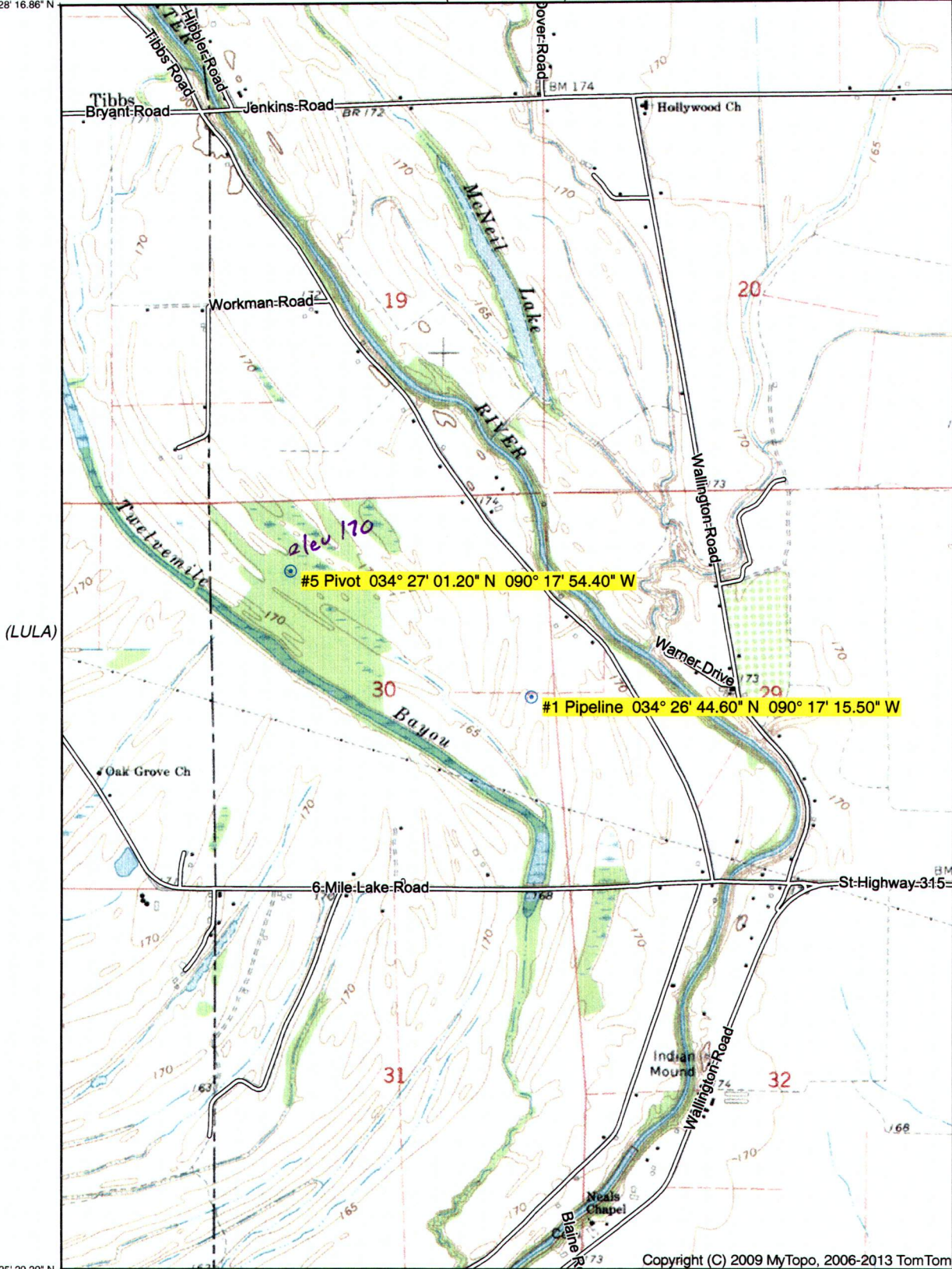
AUG 06 2013

BY [Signature]

090° 18' 31.40" W
034° 28' 16.86" N

(WALNUT LAKE)

090° 16' 07.96" W
034° 28' 16.86" N



(LULA)

(CRENSHAW
SOUTH)

034° 25' 29.29" N
090° 18' 31.40" W

Declination

(MARKS)
SCALE 1:24000

Copyright (C) 2009 MyTopo, 2006-2013 TomTom
Printed: Wed Aug 07, 2013
090° 16' 07.96" W
034° 25' 29.29" N

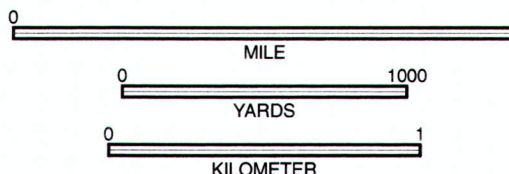
(JONESTOWN)

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

North American 1983 Datum (NAD83)
Polyconic Projection

To place on the predicted North American
1927 move the projection lines 12M N and
9M W

GN 1.53° E
MN 0.63° W



CONTOUR INTERVAL 5 FEET
MEAN SEA LEVEL

(CURTIS
STATION)

FALCON, MS
1969