

State Well Report

Part I

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631
(601)961-5210
(601)354-6938 (fax)

For Office Use Only:

Aquifer: _____
Well #: Q-144
L. S. Elevation: _____
E-log #: _____

County: Washington
Permit #: 00042010
Irrigation Equipment
Driller: _____
Date drilling completed: 7-3-07

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information	Well Location
Owner Name: <u>Larry Hughes</u>	Latitude: <u>33.10 37.3</u> Longitude: <u>90.43.11.5</u>
Mailing Address: <u>208 Gregory Drive</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Greenville Ms. 38701</u>	<u>NE 1/4 SW 1/4 Sec 4 Twn 15N Rng 5W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. () _____	<u>7</u> Miles <u>E</u> of <u>Hollandale</u>

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: _____

Date well drilling started: 7-3-07 Date well drilling completed: 7-3-07

If flowing, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 31 feet above or below (circle one) land surface Date measured: 7-3-07

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

Hole depth: 117 Well depth: 117 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 77 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 78 feet to 117 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: _____ feet. If telescoped or more than one screen, describe on back of page

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

Name of organization running log(s): _____

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

Irrigation Equipment Inc.
Patrick M. Chism 0695

Patrick M. Chism

Print Name of Water Well Contractor and License No.

Signature of Water Well Contractor

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60042010

Q-144

If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
Clay	0	25
Fine Sand	26	45
Fine Sand + Gravel	46	51
Medium Sand + Gravel	52	115
Clay	116	117

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) indicate direction.

Landowner Name: Larry Hughes

[Signature]
Signature of Water Well Contractor

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STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: Washington
 Permit #: 00042010
 Driller: Irrigation Equipment
 Date completed: 7-3-07

For Office Use Only:

Aquifer: _____
 Well #: Q-144
 Elevation: _____

This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.

Well Owner Information	Well Location
Owner Name: <u>Larry Hughes</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>208 Gregory Drive</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey,
<u>Greenville Ms. 38701</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>NE 1/4 SW 1/4 Sec 4 Twn 15N Rng 5W</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>7</u> Miles <u>E</u> of <u>Hollandale</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet 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>40</u>
Date Pump Installed: <u>7-3-07</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>1800 ±</u> Gallons Per Minute	Number of Stages: <u>1</u>

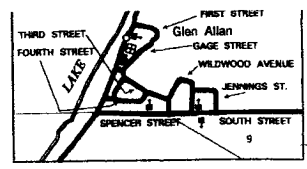
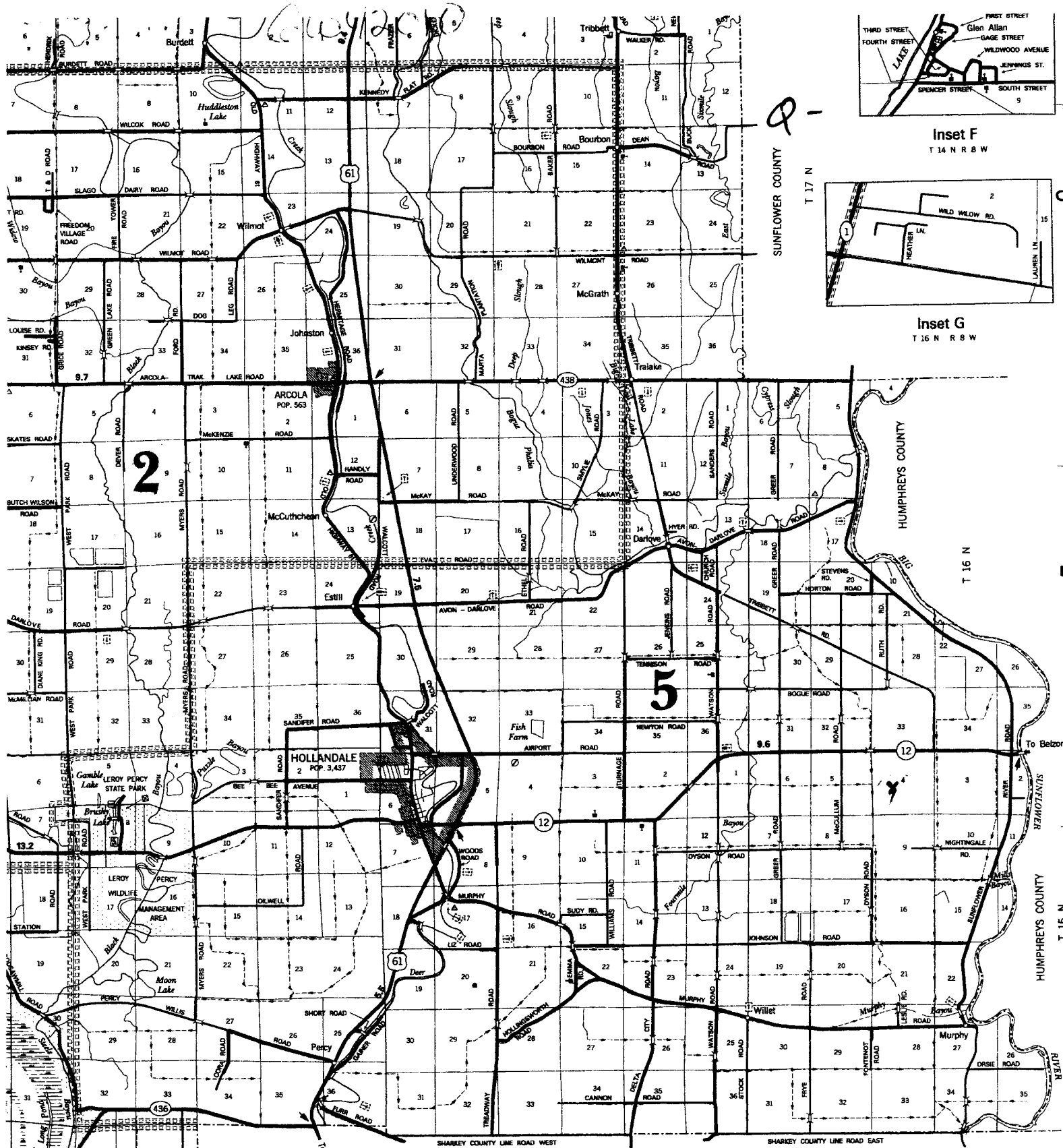
Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): _____ Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____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

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

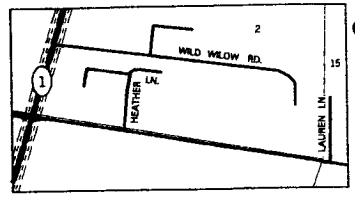
Patrick M. Chism 0695 [Signature]
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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Inset F
T 14 N R 8 W



Inset G
T 16 N R 8 W

SUNFLOWER COUNTY

HUMPHREYS COUNTY

SUNFLOWER COUNTY

HUMPHREYS COUNTY

SHARKEY COUNTY

R 7 W

R 6 W

R 5 W

SHARKEY COUNTY

T 14 N

Larry Hughes Map

LEGEND

ROADS AND ROADWAY FEATURES

- UNIMPROVED ROAD
- GRAVEL
- PAVED ROAD
- UNDIVIDED HIGHWAY
- DIVIDED HIGHWAY
- INTERSTATE SYSTEM
- CITY STREETS

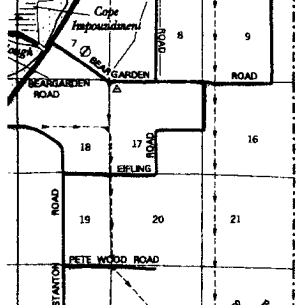
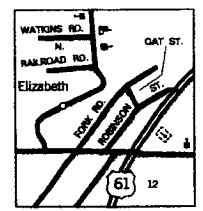
NAVIGATION

- DOCK, PIER, OR LANDING
- LEVEE OR DIKE
- LEVEE OR DIKE WITH ROAD

CITY AND VILLAGE CENTERS

- COUNTY SEAT
- OTHER CITIES AND VILLAGES

HIGHWAY BRIDGES



TO BELTON

Polk Fork

