

State Well Report

Part 1

Mississippi Department of Environmental Quality

Office of Land and Water Resources

P.O. Box 2309
Jackson, MS 39225

For Office Use Only

Aquifer: _____

Well #: E 165

L.S. Elevation: _____

E-Long #: _____

County: DESOTO
 Permit #: _____
 Driller: Bob Smith
 Date drilling complet: 8-16-13

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>HUMEN BRANNON</u> Mailing Address: <u>P.O. Box 182</u> <u>SOUTHAVEN, MS 38671</u> City State Zip Code Telephone No. <u>(901) 674-3719</u>	Latitude: <u>34° 53' 03"</u> Longitude: <u>90° 01' 09"</u> Method of Lat/Long (circle one): <input type="checkbox"/> Conventional Survey, <input type="checkbox"/> USGS quad, <input type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS <u>SE 1/4 NW 1/4 Sec 26 T25 R8W</u> Distance Direction Nearest Town <u>1/2 Miles WEST of NEBBIT</u>
Well Data	
Purpose of Well (circle one) <input checked="" type="checkbox"/> Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture <input type="checkbox"/> Other _____	
Date well drilling started: <u>8-16-13</u> Date well drilling completed: <u>8-16-13</u>	
If flowing, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>82</u> feet above or <input checked="" type="checkbox"/> below (circle one) land surface Date measured: <u>8-16-13</u>	
Method of Measurement (circle one) <input type="checkbox"/> steel tape <input type="checkbox"/> electric tape <input type="checkbox"/> air line other <u>LINE + WEIGHT</u>	
Hole Depth: <u>170</u> Well depth: <u>170</u> Well grouted to a depth of <u>10</u> feet	
Type of grout: (circle one): <input type="checkbox"/> Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix	
Casing length: <u>150</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>20</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>137000</u> inches Setting depth: From <u>150</u> feet to <u>170</u> feet	
Type of completion (circle all applicable):	
<input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Telescoped <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development	
Other (describe): _____	
Top of lap pipe or reduction casing: _____ feet. If telescoped or more than one screen, describe on back	
Logs run (circle one): <input type="checkbox"/> No log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Other: _____	
Name of organization running log(s): _____	
I certify that the well 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.	
<u>Bob Smith 0645</u> Print name of Water Contractor and License No.	<u>[Signature]</u> Signature of Water Well Contractor

RECEIVED
 SEP 17 2013
 BY: [Signature]

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

For Office Use Only
Aquifer: <u>FIGS</u>
Well #: _____
Elevation: _____

County: <u>DE SOTO</u>
Permit #: _____
Driller: <u>BOB SMITH</u>
Date completed: <u>8-16-13</u>

This report be prepared by the pump installer in detail and filled will the Department within 30 days of completion of drilling of the well.

Well Owner information	Well Location
Owner Name: <u>Hunter Brannon</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>P.O. Box 182</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey
<u>SOUTHAVEN MS 38671</u>	<input type="radio"/> USGS quad, Hand-held GPS, survey grade GPS
City State Zip Code	<u>1/4 1/4 Sec I-26 Twn T25 Rng R2W</u>
Telephone No. <u>(901) 674-3719</u>	Distance Direction Nearest Town
	<u>1/2</u> miles <u>WEST</u> of <u>DE SOTO</u>

Pump Type Circle one	Power Type Circle one
Air lift Jet <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other(specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 1/2</u>
Date Pump Installed: <u>8-16-13</u>	Setting Depth: <u>120</u> feet
Rated Pump Capacity: <u>20</u> gallons per min	Number of Stages: <u>12</u>

Pump Test Data	Method of Measuring Water Level circle one
Date Well Tested: <u>8-16-13</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level(A): <u>82</u> feet below Land Surface	Other(specify): <u>LINE & WEIGHT</u>
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 <u>25</u> GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>25</u> gallons per Minute	
Duration of Pump Test(minimum 4 hours): _____ hrs	

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

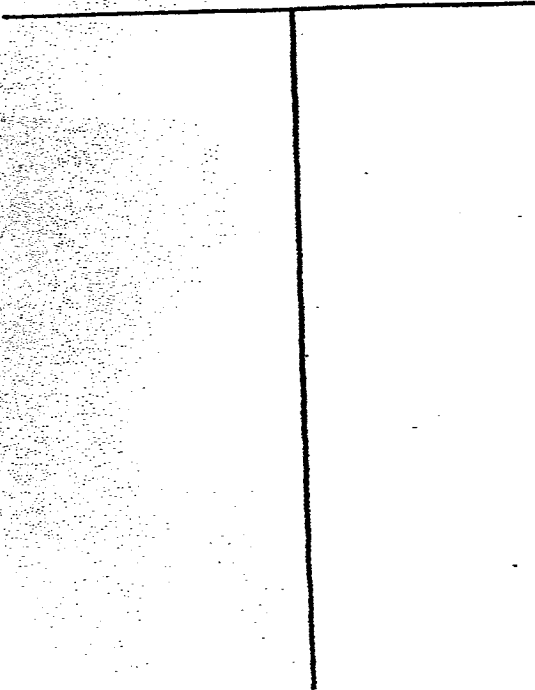
<u>BOB SMITH 0-645</u>	<u>[Signature]</u>
Print Name of Pump Installer and License No.	Signature of Pump Installer

RECEIVED
SEP 17 2013
BY OLWA

F 165

If well telescopes please sketch below and show depths.

Ground Level



Description of Formations Encountered	From	To
TOP SOIL	0	5
BROWN CLAY	5	70
WHITE CLAY	20	60
GREY CLAY	60	90
WHITE CLAY + SAND	90	120
WHITE SAND	120	170

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: Hunter Blannon S

RECEIVED
SEP 17 2013
BY: C. W. H. R.