county: Loundes
Permit #: M5-GW - 16502
Driller: TM Parks Onling
Date drilling completed: 6-12-08

State Well Report Part 1 – Driller's Log

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 #: P-32
L. S. Elevation:
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.

Department at the above address within 30 days of comp	neuon of artuing of the well of borenote.		
Information on Well Owner	Well or Borehole Location		
(Landowner if borehole is not for a water well)			
Owner Name Stanley L. Unruh	Latitude:°' Longitude:°'"		
Mailing Address: 2013 West Minne Value Rd	Method of Lat/Long (circle one): Conventional Survey,		
Walling Address CTS (CE) C TTUTTIE VINNET TO	USGS quad, Hand-held GPS, Survey-grade GPS		
A 1	NW45104 Sec 22 Twn 17N Rng 1BE		
Columbus ms 39701 City State Zip Code	Dictance Direction Negrect Town		
	Distance Direction Nearest Town 14 Miles South of Columbus		
Telephone No. (412) 327 - 4041			
Well / Bore	hole Data		
Date drilling started: $5-19-5$ Date drilling completed: $6-12-1$	Hole depth: 740 Hole diameter: U"		
Location of the source of any surface water used for drilling:	d		
Method of dosing and volume of Chlorine used in drilling and development	opment: 5% Chlorine Solution my		
Logs run (circle all applicable). No log run Electric Gamma Ray Name of organization running log(s):	Density Sonic Neutron Other:		
Purpose of borehole (check one): Water Well X Geotechnical/Geok	ogical Investigation Ground Source Heat Pump		
Seismic Survey Other (describe))		
If drilling is not related to water well construction			
Purpose of Well (check one): Home Industrial Public Supply	Irrigation Fish Culture \(\sum_\) Other:		
If a flowing well, method of flow regulation: Valve O	ther (describe)		
Static Water Level: 70 feet above of below (circle one) le	and surface Date measured: 6-25-08		
Method of Measurement (circle one) steel tape electric tape	air line other:		
Well depth: <u>740</u> Well grouted to a depth of <u>100</u> feet Type of grout (circle one): <u>Neat Cement</u> Bentonite Mix			
Casing length: 600 feet Casing diameter: 6 inches Type of casing: 800			
Screen length: 60 feet Screen diameter: 6 inches Type of screen: 60			
Screen slot size: OQO inches Setting depth: From GOO feet to 740 feet			
Type of completion (circle all applicable): Gravel packet Underreamed Telescoped Open hole Natural Development			
Other (describe):			
Top of lap pipe or reduction in casing: feet. If tele	escoped or more than one screen, describe on next page		

Form: OLWR-SWR-1A

RECEIVED

JUL 2 1 2008

BY: OLWR

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 telescon Ground Le	<u>ves, show der</u> vel	oths on s	sketch.	
60 to 10" VC Subtr Cosins Cen	NO CONTRACTOR OF THE PARTY OF T	Will Control Control on Markey	SAN (VVVVVAA VAA VAA VAA VAA VAA VAA VAA VA	Pox - Woo'	6"
Gray	ach -			660' 80' .5	5 Screen

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground Level	50
Live There / Civile	50	1 8 0
Five Sand	130	175
CNY	175	230
Shale of Roch / Clay	<i>∝</i> 230	270
Cki	270	480
Clay Soul Style	450	52/5
PINK Chy/Son Storle	525	630
Kock / Gravel	630	638
Coarse Sands	638	745
Clay	745	750
,		
		1
	<u> </u>	
 	<u> </u>	1
	ļ	

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

N a	id in locating the well; 3) any roads, b) a north arrow.	g: 1) the well location; 2) any permanent structures on the property that may power lines, or other items that may aid in locating the property and the well; Minney Vaugin Rd
Zanco Wilei i va		Form: OLWR-SWR-1/

I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable equirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state

Print Name of Responsible Licensee and License No.

laws.

Date

Signature of Licensee

RECEIVED

JUL 2 1 2008

BY: OLWR

STATE WELL REPORT

Part 2 Installer's Comp

county: handes

Permit #: M6-GW- 16502 Driller: TW Parks Drilling Pump Installer's Completion Report
Mississippi Department of Environmental Quality

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631

For Office Use Only:			
Aquifer:			
Well #: P-32			
Elevation:			

Case Information from Notes 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 36 days of well completion. Well Owner Information Owner Name: Standay L. Un(th) Mailing Address: 2013 L. Minry's Valph, No. City State Zip Code Telephone No. (Idea) 327 - 4041 Telephone No. (Idea) 327 - 4041 Pamp Type Circle one Air Lift Jet Submersible: Diesel Engine Gasoline Engine Natural Gas Electric Motor Hand Tractor PTO Windmill Other (specify): Date Pump Installed: — 25 - 08 Rated Pump Capacity: 300 Gallons Per Minute Pamp Test Data Pamp Test	Date completed: 6-12-08		AS 39289-0631	Well #:	
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: Stan 187 L. Un (Un) Mailing Address: 2013 L. Minnye Valetha Rel Celumous NS 39701 City State Zip Code Distance Direction Nearest Town Telephone No. (Idea) 327 - 4041 Telephone No. (Idea) 327 - 4041 Pump Type Circle one Air Lift Jet Submersible Diesel Engine Gasoline Engine Natural Gas Bucket Piston Turbine Electric Motor Hand Tractor PTO Centrifugal Rotary Flowing Well Windmill Other (specify): Horse Power Rating of Motor: 20 He Setting Depth: 20 feet Rated Pump Capacity: 3CC Gallons Per Minute Pump Test Data Print Water Level (A): 170 Feet Below Land Surface Date Well Tested: 340 Gallons Per Minute The 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 HEREBY CERTIFY that the above statements are true to the best of my knowledge. Print Name of Pump Installer and Licenses No. (if applicable) Signature of Pump Installer Signature of Pump Installer	Come information from block on Part 1	1 ` ′		Elevation:	
report must be attached and both parts flied with the Department at the above address within 30 days of well completion. Well Owner Information Owner Name: SHANLEY L. UN (UK) Mailing Address: CD3 L. Alinove Journal Rd Columbas MS 39701 City State Zip Code Distance Direction Nearest Town Telephone No. (Ide2) 337 - 4041 Turbine Pamp Type Circle one Air Lift Jet Submersible Diesel Engine Gasoline Engine Natural Gas Bucket Piston Turbine Electric Motor Hand Tractor PTO Centrifugal Rotary Flowing Well Windmill Other (specify): Horse Power Rating of Motor: 20 HR Setting Depth: 20 feet Number of Stages: 5 Pump Test Data Pump Test Data Cher (specify): Pump Test Data Cher (specify): C		<u>.</u>			of Boot 1 of the
Owner Name: Stan & United Latitude: Longitude: Method of Lat/Long (check one): Conventional Survey					
Mailing Address: 2013 L. Microve Valueto Rd Method of Lat/Long (check one): Conventional Survey					
USGS quad, Hand-held GPS, Survey-grade GPS	Owner Name: Stanley L.	Unruh	Latitude:	_Longitude:	
Columbus NS 39701 City State Zip Code Distance Direction Nearest Town 4 Miles South of Columbus	Mailing Address: 2013 W. Win	nie Vaughn Rd	Method of Lat/Long (check o	ne): Conventiona	l Survey,
Telephone No. (662) 327 - 4041 Pump Type Circle one Air Lift Jet Submersible Diesel Engine Gasoline Engine Natural Gas Electric Motor Hand Tractor PTO Centrifugal Rotary Flowing Well Windmill Other (specify): Date Pump Installed: -25 - 08 Setting Depth:		-	USGS quad, Hand-held	GPS, Survey	-grade GPS
Distance Direction Nearest Town 14 Miles South of Columbus	Columbus M	5 39701	NIV 4 512 4 Sec 2	2 T/7N R	lkë
Telephone No. (662) 327 - 4041	City State	Zip Code			
Pump Type Circle one Air Lift Jet Submersible Diesel Engine Gasoline Engine Natural Gas Bucket Piston Turbine Electric Motor Hand Tractor PTO Centrifugal Rotary Flowing Well Windmill Other (specify): Date Pump Installed:			l	_	
Air Lift Jet Submersible Diesel Engine Gasoline Engine Natural Gas Bucket Piston Turbine Electric Motor Hand Tractor PTO Centrifugal Rotary Flowing Well Windmill Other (specify):	Telephone No. (662) 327 - 404	<u> </u>	14 Miles South	of Columb	2005
Air Lift Jet Submersible Diesel Engine Gasoline Engine Natural Gas Bucket Piston Turbine Electric Motor Hand Tractor PTO Centrifugal Rotary Flowing Well Windmill Other (specify):			<u> </u>		
Bucket Piston Turbine Electric Motor Hand Tractor PTO Centrifugal Rotary Flowing Well Windmill Other (specify):		111			
Centrifugal Rotary Flowing Well Windmill Other (specify):	Air Lift Jet	Submersible	Diesel Engine Gasoli	ne Engine	Natural Gas
Other (specify):	Bucket Piston	Turbine	Electric Motor Hand		Tractor PTO
Date Pump Installed: 6-25-08 Rated Pump Capacity: 3CO Gallons Per Minute Pump Test Data Pump Test Data Pump Test Data Method of Measuring Water Level Circle one Air Line Electric Measuring Line Steel Tape Other (specify): Date Well 7-0 Feet Below Land Surface Pumping Water Level (B): 170 Feet Below Land Surface Drawdown [(B) - (A)]: 100 Feet Below Land Surface Test Pumping Rate: 340 Gallons Per Minute Duration of Pump Test (minimum 4 hours): 5 hours THEREBY CERTIFY that the above statements are true to the best of my knowledge. Print Name of Pump Installer and License No. (if applicable) Setting Depth: 200 feet Number of Stages: 5 Method of Measuring Water Level Circle one Air Line Electric Measuring Line Steel Tape Other (specify): Other (specify): For flowing well, measured shut in head: feet Well yielded GPM with a drawdown of Duration of Pump Installer and License No. (if applicable) Signature of Pump Installer	Centrifugal Rotary	Flowing Well	Windmill Other	(specify):	
Pump Test Data Pump Test Data Method of Measuring Water Level Circle one Air Line Electric Measuring Line Steel Tape Other (specify): Test Pumping Water Level (B): 170 Feet Below Land Surface Drawdown [(B) - (A)]: 100 Feet Below Land Surface Drawdown [(B) - (A)]: 340 Gallons Per Minute Test Pumping Rate: 340 Gallons Per Minute Duration of Pump Test (minimum 4 hours): 5 hours Therefore The Measuring Line Steel Tape Other (specify): 5 For flowing well, measured shut in head: 6 feet Well yielded 6 GPM with a drawdown of 6 feet after 6 hours of pumping Therefore Therefore The Measuring Line Steel Tape Other (specify): 5 For flowing well, measured shut in head: 6 feet Test Pumping Rate: 6 GPM with a drawdown of 6 feet after 6 hours of pumping Therefore The Measuring Line Steel Tape Other (specify): 6 feet after 6 feet after 6 feet after 6 feet after 7 hours of pumping Therefore Therefor	** */		Horse Power Rating of Motor	= 201	1 66
Pump Test Data Date Well Tested:	Date Pump Installed: 6-25-0	28	Setting Depth:	\(\text{\tin}\exitt{\text{\tinit}}\\ \text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tex{\tex	feet
Pump Test Data Date Well Tested:	Rated Pump Capacity:3CO	Gallons Per Minute	Number of Stages:	5	
Circle one Static Water Level (A):					
Circle one Static Water Level (A):	Pump Test Data	<u> </u>	Method of Me	easuring Water L	evel
Static Water Level (A):	Data Wall Toutade 10-25-7	16 2			
Pumping Water Level (B):	1		Air Line Electric Mea	suring Line	Steel Tape
Pumping Water Level (B):	Static Water Level (A):Fee	t Below Land Surface	Other (enecify):		
Test Pumping Rate:	Pumping Water Level (B): 170 Feet	Below Land Surface	outer (specify).	······································	
Duration of Pump Test (minimum 4 hours):	Drawdown [(B) – (A)]: $\frac{100}{2}$ Fee	t Below Land Surface	For flowing well, measured sl	hut in head:	feet
I HEREBY CERTIFY that the above statements are true to the best of my knowledge. The control of Pump Installer and License No. (if applicable) Signature of Pump Installer	Test Pumping Rate:	Well yielded	GPM with a dr	awdown of	
Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer	Duration of Pump Test (minimum 4 hours)	feet after _	hou	urs of pumping	
Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer)	
	I HEREBY CERTIFY that the above statements are true to the best of my knowledge.				
	The tours cos3	NT. CC. P. L.	Myore		
	Frint Name of Pump Installer and License	No. (If applicable)	Signature of Pump Ir		: OLWR-SWR-1B

RECEIVED

JUL 2 1 2008

BY: OLWR