Star	STATE WELL REPORT Part 1	For Office Use Only:
County: <u>Dlane</u>	rart 1 Driller's Log	Well #: H76
Permit #:	Mississippi Department of Environmental Quality	Aquifer:
Driller: al Harrington	Office of Land and Water Resources P.O. Box 2309	E-Log #:
Date drilling completed: $\frac{12/20}{13}$	Jackson, MS 39225-2309	L L03 //.
	(601)961-5210 (601)360-0535 (fax)	

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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	Well or Borehole Location
(Landowner if borehole is not for a water well)	Latitude: <u>30° 47'12.7</u> Longitude: <u>88° 54' 22.7''</u>
Owner Name: <u>USDA-ARS</u>	13)
Mailing Address: <u>P.O.130X 287</u>	Method of Lat/Long (check one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
Paplanille MS 39470 City State Zip Code	NE Sto NE 16 T 75 RIOW
City State Zip Code	8.9 Miles East of Perkinstan
Telephone No. ()	(Distance) (Direction) (Nearest Town)
147. 18. / B	avabala Data
Date drilling started: 12/18/Date drilling completed:	orehoje Data 12/20/10 Hole depth: 87 Hole diameter:
Location of the source of any surface water used for drilling	ng: <u>N.H.</u>
Method of dosing and volume of Chlorine used in drilling a	ng:
Logs run (circle all applicable): No log run Electric Gamm	na Ray Density Sonic Neutron Other:
Name of organization running log(s):	
Purpose of borehole (circle one) Water Well Geotechni	ical/Geological Investigation Ground Source Heat Pump
Seismic Survey Other	(describe)
If drilling is not related to water well c	onstruction, 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: <u>42</u> feet [above or below (circle one)	I land surface Date measured: <u>12/20/13</u>
Method of measurement (circle one) Steel tape, Electric	tape Air line Other (describe):
	feet Type of grout (circle one) Neat Cement Bentonite Mix
Casing length: <u>79</u> feet Casing diameter:	<u>4</u> inches Type of casing: <u>PVC</u>
Screen length: <u>/0</u> /_feet Screen diameter: _	4 inches Type of screen: <u>PVC</u>
Screen slot size: 1008 inches Setting depth	; From <u>79</u> feet to <u>89</u> feet
Type of completion (circle all applicable): Gravel packed	Underreamed Open hole Natural Development
Other (describe):	рыца тр. 14 года.
Top of lap pipe or reduction in casing:feet	JAN 17 2014
	one screen, describe on next page

Form: OLWR-SWR-1A (4/13)

County:	Stone
Permit #:	

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For	Office	Use	Only:
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Well #: H76

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.	Desc	ription of Forma	tions Encountered	From (depth)	To (depth)
Ground Level		hands -	loam	Ground level	1.5'
A	R	1 + millite	mother class	1.5'	20'
		that cl	and	20'	36'
	BD	10 Costilion	Class	36'	41'
		R.T. + Tar	clain	41'	50'
		han a sa	m	50'	52'
	-0	Ailton A	and.	521	54'
		ling to	, sand	541	601
	Tol	Class		60'	741
	m	non ta	- sand	74'	87'
		Cl	an	87'	TIDe
			/		
			Y		
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			·····		
		<u></u>			
				1	·
f more than one screen, show location of each o	n sketch				
1) the well location 2) any permanent structures on the property 3) any roads, power lines, or other items tha 4) north arrow			V- VV	1 Port Leare 47' 12.7 59' 22."	r" 7"
	(ash )		ZEST		
	1.40	100	161		
	<u> </u> 5 /	ι		ą v	
	311				
0	$\kappa / \langle$			JAN ]	17 2010
De Call O'NEIL Rd.	/)			<b>Q 1</b>	
				- 2.	
	1 0	17	0 / 1		
andowner Name:	. lease	_ 10.	Dection		
HEREBY CERTIFY that the well/borehole w equirements of the Mississippi Department f applicable, and state laws.	as drilled constr	ucted and co	mpleted in accordar he Mississippi Depar	nce with all app tment of Healt	h regulation
AL HARRINGTON O	-564 17	-120/13	al 1	faring	Low
Print Name of Responsible Licensee and Licensee	ense No.	Date	Signatu	ire of Licepsee	0 CWD 40 //

Form: OLWR-SWR-1B (4/13)

6 Gland		ELL REPORT	
County: <u>Blane</u>		Part 2	For Office Use Only:
Permit #:		r's Completion Report nent of Environmental Quality	Well #: H76
Driller: Ul Harmoften		nd and Water Resources	weil #:
Date completed: 12/20/13		.O. Box 2309 n, MS 39225-2309	Aquifer:
Copy information from block on Part 1		ion, MS 39223-2309	
	•	) 360-0535 (fax)	
This part of the report must be completed	d by a licensed water	well contractor or a licensed pu	mp installer. A copy of Part 1
of the report must be attached and both	parts filed with the D	epartment at the above address v	vithin 30 days of well completion.
Well Owner Informati		well L	ocation gitude: $\frac{W-88^\circ}{59'22}$
Owner Name: USDA-	<u>9K7</u>		
Mailing Address: <u>P.D. Box</u>	2009	Method of Lat/Long (check one	e): Conventional Survey,
	287		PS, Survey-grade GPS
Paplarmille MG	39470	NE 1/2 Str 1/4, Sec_	16 T 35 R/OW
City State	Zip Códe	R.9 Miles East	· Perkinstan
Telephone No. ()		(Distance) (Direction)	(Nearest Town)
	Dumo Tia	De (circle one)	
Submersible) Turbine Air Lift Centrifi		•	escribe):
Date Pump Installed: 12/20/17			Gallons Per Minute
Is This Pump (circle one): New Rep			
	-	pe (circle one)	
Electric) Diesel Gasoline Natural Gas	Tractor PTO Win	dmill Other (describe):	DIIZMD
Horse Power Rating of Motor: 2H	Setting Dept	th: <u>82</u> feet Numbe	r of Stages: <u>2667 1117 un</u>
· · · ·	Pump Test Data	for Non Flowing Well	
Date Well Tested: 12/20/13	3	Duration of Pump Test (minin	num 4 hours): hours
		• •	
Static Water Loval (A): 471 Fee	t Relow Land Surface		
Static Water Level (A): 42' Fee	t Below Land Surface	Tanping Prace Dumping Pater	7 2 Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u>	Feet Below Land Sur	face Test Pumping Rate:	22 Gallons Per Minute
Static Water Level (A): 42' Fee	Feet Below Land Sur	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ):	22 Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ):	Feet Below Land Sur teel tape> Electric t Pump Test Da	face Test Pumping Rate:	22 Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ): Measured shut in head:feet	Feet Below Land Sur teel tape Electric to Pump Test Da	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ): <b>ta for Flowing Well</b>	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ):	Feet Below Land Sur teel tape Electric to Pump Test Da	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ): <b>ta for Flowing Well</b>	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ): Measured shut in head:feet	Feet Below Land Sur teel tape Electric to Pump Test Da t. drawdown of	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ): <b>ta for Flowing Well</b>	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ): Measured shut in head:feet Well yieldedGPM with a	Feet Below Land Sur teel tape> Electric to Pump Test Da t. drawdown of Meter	face Test Pumping Rate: ape <u>Air line</u> Other ( <i>describe</i> ): ta for Flowing Well feet after Installation	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ): Si Measured shut in head:feet Well yieldedGPM with a construction of the second statement ( <i>circle one</i> ): Si	Feet Below Land Sur teel tape Electric to Pump Test Da t. drawdown of Meter	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ): ta for Flowing Well feet after Installation Meter Serial Number:	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ): Si Measured shut in head:feet Well yielded GPM with a construction Meter Manufacturer: Meter Model Number/Name:	Feet Below Land Sur teel tape Electric to Pump Test Da t. drawdown of Meter	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ): ta for Flowing Well feet after Installation Meter Serial Number: Type of Meter:	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ). Measured shut in head:feet Well yieldedGPM with a construction Meter Manufacturer: Meter Model Number/Name: Totalizer Register Unit and Multiplier F	Feet Below Land Sur teel tape> Electric to Pump Test Da t. drawdown of Meter	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ): ta for Flowing Well feet after Installation Meter Serial Number: Type of Meter: I x 1000, etc):	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ). Measured shut in head:feet Well yieldedGPM with a Meter Manufacturer: Meter Model Number/Name: Totalizer Register Unit and Multiplier F Installation Date:	Feet Below Land Sur teel tape> Electric to Pump Test Da t. drawdown of Meter factor (AF x .001, ga Meter installed by:	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ): ta for Flowing Well feet after Installation Meter Serial Number: Type of Meter: L x 1000, etc):	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ): Si Measured shut in head:feet Well yielded GPM with a construction Meter Manufacturer: Meter Model Number/Name: Totalizer Register Unit and Multiplier F Installation Date: Is This Meter ( <i>circle one</i> ): New Re	Feet Below Land Sur teel tape Electric to Pump Test Da t. drawdown of Meter Factor (AF x .001, ga Meter installed by: epaired Replacem	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ): ta for Flowing Well feet after Installation Meter Serial Number: Type of Meter: L x 1000, etc): ent	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ) (Si Measured shut in head:feet Well yielded GPM with a ( Meter Manufacturer: Meter Model Number/Name: Totalizer Register Unit and Multiplier F Installation Date: Is This Meter ( <i>circle one</i> ): New Re	Feet Below Land Sur teel tape Electric to Pump Test Da t. drawdown of Meter Factor (AF x .001, ga Meter installed by: epaired Replacem formation you are constants	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ): ta for Flowing Well feet after Installation Meter Serial Number: Type of Meter: I x 1000, etc): ent ent ertifying that this meter was inst	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement (circle one) Si Measured shut in head:feet Well yielded GPM with a c Meter Manufacturer: Meter Model Number/Name: Totalizer Register Unit and Multiplier F Installation Date: Is This Meter (circle one): New Re Important: By submitting the above in For agriculty	Feet Below Land Sur teel tape Electric to Pump Test Da t. drawdown of Meter Factor (AF x .001, ga Meter installed by: epaired Replacem <i>information you are coural wells, a list of ap</i>	face Test Pumping Rate:	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement ( <i>circle one</i> ) (Si Measured shut in head:feet Well yielded GPM with a ( Meter Manufacturer: Meter Model Number/Name: Totalizer Register Unit and Multiplier F Installation Date: Is This Meter ( <i>circle one</i> ): New Re	Feet Below Land Sur teel tape Electric to Pump Test Da t. drawdown of Meter Factor (AF x .001, ga Meter installed by: epaired Replacem <i>information you are coural wells, a list of ap</i>	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ): ta for Flowing Well feet after installation Meter Serial Number: Type of Meter: I x 1000, etc): ent <i>ertifying that this meter was inst</i> <i>proved meters is on the MDEQ</i> to the best of my knowledge.	2.2. Gallons Per Minute
Static Water Level (A): <u>42</u> Fee Drawdown [(B) - (A)]: <u>782</u> Method of measurement (circle one) Si Measured shut in head:feet Well yielded GPM with a c Meter Manufacturer: Meter Model Number/Name: Totalizer Register Unit and Multiplier F Installation Date: Is This Meter (circle one): New Re Important: By submitting the above in For agriculty	Feet Below Land Sur teel tape Electric to Pump Test Da t. drawdown of Meter Factor (AF x .001, ga Meter installed by: epaired Replacem information you are co ural wells, a list of ap- ements are true to the	face Test Pumping Rate: ape Air line Other ( <i>describe</i> ): ta for Flowing Well feet after installation Meter Serial Number: Type of Meter: I x 1000, etc): ent <i>ertifying that this meter was inst</i> <i>proved meters is on the MDEQ</i> to the best of my knowledge.	2.2. Gallons Per Minute

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