County:	Sharkey
Permit #:	GW-49818 /
Driller:	Irrigation Equipment, Inc.
Date drill	ing completed: 3-21-17

J 3 .

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 #:	E103	
Aquifer:		
E-Log #:		

Well Owner Information (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: Sandy Bayou Farms / Chris Martin	Latitude: 32° 53' 23.5" Longitude: 090° 53' 59.1"
Mailing Address: 5415 Sandy Bayou Road	Method of Lat/Long (check one): ☐ Conventional Survey,
	☐ USGS quad, ☑ Hanḍ-held GPS, ☐ Survey-grade GPS
Rolling Fork MS 39159	☐ USGS quad, ☑ Hand-held GPS, ☐ Survey-grade GPS NW 1/4 NE 1/4, Sec 15 T 12N R 7W
City State Zip code Telephone No. () -	Miles SW of Rolling Fok
	(Distance) (Direction) (Nearest Town)
Well / Bo	rehole Data
Date drilling started: 3-21-17 Date drilling completed:	3-21-17 Hole depth: 124' Hole diameter: 24"
Location of the source of any surface water used for drilling:	Surface Water
Method of dosing and volume of Chlorine used in drilling and dev	relopment: 50 PPM
Logs run (check all applicable): ⊠ No log run ☐ Electric ☐ Gam	nma Ray ☐ Density ☐ Sonic ☐ Neutron ☐ Other:
Name of organization running log(s):	
Diverses of boundary (about and)	hairel/On alexical laurestication . TT One and Course Heat Duran
Purpose of borehole (check one): Water Well Geotech	
☐ Seismic Survey	Other (describe)
☐ Seismic Survey	
☐ Seismic Survey	Other (describe)
☐ Seismic Survey ☐ If drilling is not related to water well compared to the series of Well (check all applicable): ☐ Home ☐ Industrial ☐ F	Other (describe)
☐ Seismic Survey ☐ Seismic Survey ☐ If drilling is not related to water well compute of Well (check all applicable): ☐ Home ☐ Industrial ☐ F☐ Other (describe):	Other (describe) Instruction, skip the remainder of this block Public Supply Irrigation Fish Culture
☐ Seismic Survey ☐ Seismic Survey ☐ If drilling is not related to water well compute of Well (check all applicable): ☐ Home ☐ Industrial ☐ F☐ Other (describe):	Other (describe) Instruction, skip the remainder of this block Public Supply Irrigation Fish Culture Other (describe)
☐ Seismic Survey If drilling is not related to water well compared to the selection of th	Other (describe) Instruction, skip the remainder of this block Public Supply Irrigation Fish Culture Other (describe) ow] land surface Date measured: 3-21-17
☐ Seismic Survey If drilling is not related to water well come. Purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ F ☐ Other (describe): If a flowing well, method of flow regulation: Valve Static Water Level: 17	Other (describe) Instruction, skip the remainder of this block Public Supply Irrigation I Fish Culture Other (describe) ow] land surface Date measured: 3-21-17 pe I Air line I Other: (describe)
☐ Seismic Survey If drilling is not related to water well come. Purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ F ☐ Other (describe): If a flowing well, method of flow regulation: Valve Static Water Level: 17	Other (describe) Instruction, skip the remainder of this block Public Supply Irrigation Fish Culture Other (describe) Other (describe) Owl land surface Date measured: 3-21-17 pe Air line Other: (describe) It Type of grout (check one): Neat Cement Fenonite Finonite
☐ Seismic Survey If drilling is not related to water well control Purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ F ☐ Other (describe): If a flowing well, method of flow regulation: Valve Static Water Level: 17	Other (describe) Instruction, skip the remainder of this block Public Supply Irrigation Fish Culture Other (describe) Owl land surface Date measured: 3-21-17 pe Air line Other: (describe) It Type of grout (check one): Neat Cement Fenonite Final Final
☐ Seismic Survey If drilling is not related to water well control Purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ F ☐ Other (describe): If a flowing well, method of flow regulation: Valve Static Water Level: 17	Other (describe) Instruction, skip the remainder of this block Public Supply Irrigation Fish Culture Other (describe) Owl land surface Date measured: 3-21-17 Determine Other: (describe) In Type of grout (check one): Neat Cement Dentember PVC Inches Type of screen: PVC In Type of
☐ Seismic Survey If drilling is not related to water well control Purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ F ☐ Other (describe): If a flowing well, method of flow regulation: Valve Static Water Level: 17	Other (describe) Instruction, skip the remainder of this block Public Supply Irrigation Fish Culture Other (describe) Owl land surface Date measured: 3-21-17 Dear Air line Other: (describe) In Type of grout (check one): Neat Cement Fentonite Fentonite
Seismic Survey	Other (describe) Instruction, skip the remainder of this block Public Supply Irrigation Fish Culture Other (describe) Owl land surface Date measured: 3-21-17 Dear Air line Other: (describe) Inches Type of casing: PVC MAY 5 Inches Type of screen: PVC PVC Inches Type of screen: PVC Inderreamed Open hole Natural Development
☐ Seismic Survey If drilling is not related to water well control Purpose of Well (check all applicable): ☐ Home ☐ Industrial ☐ F ☐ Other (describe): If a flowing well, method of flow regulation: Valve Static Water Level: 17	Other (describe) Instruction, skip the remainder of this block Public Supply Irrigation Fish Culture Other (describe) Owl land surface Date measured: 3-21-17 Dear Air line Other: (describe) Inches Type of casing: PVC MAY 5 Inches Type of screen: PVC PVC Inches Type of screen: PVC Inderreamed Open hole Natural Development

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

		E . O.C II 4	· >1
		For Office Use (Inly:
County: Sharkey		Well#: <u>E103</u>	
Permit #: GW-49818			,
		<u> </u>	
The sketch below only required for water wells	Description of formations enco	untered must be provided for al	<u>l wells</u>
If well telescopes, show depths on sketch.	and boreholes, unless specifica	lly exempted by regulations	
	Description of Formations En	countered From (depth)	To (depth)
Ground level	Clay	Ground level	22
. :	Fine Sand	23	52
	Fine Sand & Gravel	53	72
\ .	Med. Sand & Gravel	73	112
)·	Fine Sand	118	124
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•			
If more than one screen, show location of each on sk	etch	<u> </u>	L
	Cicii		
Sketch the property layout and include the follow 1) the well location 2) any permanent structures on the property	y that may aid in locating the well		
3) any roads, power lines, or other items th	at may aid in locating the property and the	well	
4) a north arrow	,	•	
	•		
		RECEIV	ED.
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		MAY 15 20	111
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•		BYOLV	VK
		Name # 1882	
Landowner Name:			
		Form: OLWR-S	WR-1A (04/08
I HEREBY CERTIFY that the well/borehole was	drilled, constructed, and completed in acc	ordance with all applicable	
requirements of the Mississippi Department of E	invironmental Quality and the Mississippi D	Department of Health regulation	ons,
	**		
if applicable, and state laws. 0695	5-10-17		

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

County:	Sharkey	
Permit #:	GW-49818	<u> </u>
Driller:	Irrigation Ec	uipment, Inc.
Date drilli	ing completed:	3-21-17
Copy	information fro	m block on Part 1

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 #:	E103	
Aquifer:		

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part I of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion. Well Location Owner Name: Sandy Bayou Farms / Chris Martin Mailing Address: 5415 Sandy Bayou Road Method of Lat/Long (check one): City State Zip code Telephone No. () - Pump Type (check one) Submersible Turbine Air Lift Centrifugal Fowing Well State Pump Capacity: Bated Pump Capacity: State Power Type (check one) Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): Horse Power Rating of Motor: Pump Test Data for Non Flowing Well Date Well Tested: Date Well Tested: Cett Gallons Per Minu Static Water Level (A): Feet Below Land Surface Pumping Rate: Gallons Per Minu Bettod of measurement (check one): State Pumping Rate: Gallons Per Minu Bris Pumping Rate: Gallons Per Minu Gallons Per Minu Bris Pump Test Data for Non Flowing Well Date Well Tested: Check Cone Check Con	(60.7 600 6000 (142.7)	
Well Owner Information Well Location Owner Name: Sandy Bayou Farms / Chris Martin Latitude: 32° 53' 23.5" Longitude: 090° 53' 59.1" Method of Lat/Long (check one): □ Conventional Survey, □ USGS quad, □ Hand-held GPS, □ Survey-grade GPS Rolling Fork City State Zip code NW ½ NE ¼, Sec 15 T 12N R 7W Telephone No. 1 - Miles SW (Direction) of Rolling Fork (Nearest Town) Pump Type (check one) □ Submersible □ Turbine □ Air Lift □ Centrifugal □ Flowing Well □ Jet □ Piston □ Rotary □ Other (describe): □ Gallons Per Minu Date Pump Installed 3-21-17 Rated Pump Capacity: 1500+/- Gallons Per Minu Is This Pump (check one): □ New □ Repaired □ Replacement Power Type (check one) □ Electric □ Diesel □ Gasoline □ Natural Gas □ Tractor PTO □ Windmill □ Other (describe): Horse Power Rating of Motor: 50 Setting Depth: 80 feet Number of Stages: 1 Pump Test Data for Non Flowing Well Date Well Tested: Duration of Pump Test (minimum 4 hours): Ho Static Water Level (A): Feet Below Land Surface Test Pumping Rate: Gallons Per Minu	he report must be completed by a licensed water well contractor or a licensed pu must be attached and both parts filed with the Department at the above address	ump installer. A copy of Part 1 within 30 days of well completion.
Mailing Address: 5415 Sandy Bayou Road Method of Lat/Long (check one): ☐ Conventional Survey, ☐ USGS quad, ☒ Hand-held GPS, ☐ Survey-grade GPS Rolling Fork MS 39159 NW ¼ NE ¼, Sec 15 T 12N R 7W City State Zip code Miles SW of (Direction) Rolling Fork (Nearest Town) Pump Type (check one) ☑ Submersible ☐ Turbine ☐ Air Lift ☐ Centrifugal ☐ Flowing Well ☐ Jet ☐ Piston ☐ Rotary ☐ Other (describe): ☐ Date Pump Installed 3-21-17 ☐ Rated Pump Capacity: 1500+I-☐ Gallons Per Minu Is This Pump (check one): ☒ New ☐ Replacement Power Type (check one) ☒ Electric ☐ Diesel ☐ Gasoline ☐ Natural Gas ☐ Tractor PTO ☐ Windmill ☐ Other (describe): ☐ Horse Power Rating of Motor: 50 ☐ Setting Depth: 80 ☐ feet Number of Stages: 1 Date Well Tested: ☐ Date Well Tested: ☐ Duration of Pump Test (minimum 4 hours): ☐ Hostic Water Level (A): ☐ Feet Below Land Surface Pumping Water Level (B): ☐ Feet Below Land Surface ☐ Gallons Per Minu Is Tested ☐ Gallons Per Minu Is Tested ☐ Gallons Per Minu Is Tested ☐ Converted From Test (minimum 4 hours): ☐ Hostic Water Level (B): ☐ Feet Below Land Surface ☐ Test Pumping Rate: ☐ Gallons Per Minu Is Tested ☐ Gallons Per Minu Is Tested ☐ Converted ☐		
USGS quad, Hand-held GPS, Survey-grade GPS	Sandy Bayou Farms / Chris Martin Latitude: 32° 53' 23.5'	"Longitude: 090° 53' 59.1"
Rolling Fork	ss: 5415 Sandy Bayou Road Method of Lat/Long (check	k one):
City State Zip code Telephone No. () - Miles SW (Direction) of (Nearest Town) Pump Type (check one) Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe):	☐ USGS quad, ⊠ Hand-	held GPS, Survey-grade GPS
City State Zip code Telephone No. () - Miles SW (Direction) of (Nearest Town) Pump Type (check one) Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe):	k MS 39159 NW 1/2 NF	1/4 Sec 15 T 12N R 7W
Pump Type (check one) Submersible ☐ Turbine ☐ Air Lift ☐ Centrifugal ☐ Flowing Well ☐ Jet ☐ Piston ☐ Rotary ☐ Other (describe): Date Pump Installed 3-21-17		74, 555 <u>15</u> 1 <u>1314</u> (C <u>111</u>
Submersible ☐ Turbine ☐ Air Lift ☐ Centrifugal ☐ Flowing Well ☐ Jet ☐ Piston ☐ Rotary ☐ Other (describe): Date Pump Installed 3-21-17		
Submersible ☐ Turbine ☐ Air Lift ☐ Centrifugal ☐ Flowing Well ☐ Jet ☐ Piston ☐ Rotary ☐ Other (describe): Date Pump Installed 3-21-17	Pump Type (check one)	
Date Pump Installed 3-21-17		
Is This Pump (check one): ☐ New ☐ Repaired ☐ Replacement Power Type (check one) ☐ Electric ☐ Diesel ☐ Gasoline ☐ Natural Gas ☐ Tractor PTO ☐ Windmill ☐ Other (describe): ☐ Horse Power Rating of Motor: 50	· · · · · · · · · · · · · · · · · · ·	
Power Type (check one) ☐ Electric ☐ Diesel ☐ Gasoline ☐ Natural Gas ☐ Tractor PTO ☐ Windmill ☐ Other (describe): ☐ Horse Power Rating of Motor: 50		Gallons Per Minute
Horse Power Rating of Motor: 50 Setting Depth: 80 feet Number of Stages: 1 Pump Test Data for Non Flowing Well Date Well Tested: Duration of Pump Test (minimum 4 hours): Ho Static Water Level (A): Feet Below Land Surface Pumping Water Level (B): Feet Below Land Surface Drawdown [(B) - (A)]: Feet Below Land Surface Test Pumping Rate: Gallons Per Min		
Horse Power Rating of Motor: 50 Setting Depth: 80 feet Number of Stages: 1 Pump Test Data for Non Flowing Well Date Well Tested: Duration of Pump Test (minimum 4 hours): Ho Static Water Level (A): Feet Below Land Surface Pumping Water Level (B): Feet Below Land Surface Drawdown [(B) - (A)]: Feet Below Land Surface Test Pumping Rate: Gallons Per Min	Diesel ☐ Gasoline ☐ Natural Gas ☐ Tractor PTO ☐ Windmill ☐ Other <i>(descri</i>	ibe):
Date Well Tested: Duration of Pump Test (minimum 4 hours): Ho Static Water Level (A): Feet Below Land Surface Pumping Water Level (B): Feet Below Land Surface Drawdown [(B) - (A)]: Feet Below Land Surface Test Pumping Rate: Gallons Per Min	·	
Date Well Tested: Duration of Pump Test (minimum 4 hours): Ho Static Water Level (A): Feet Below Land Surface Pumping Water Level (B): Feet Below Land Surface Drawdown [(B) - (A)]: Feet Below Land Surface Test Pumping Rate: Gallons Per Min	•	
Static Water Level (A): Feet Below Land Surface Pumping Water Level (B): Feet Below Land Surface Drawdown [(B) - (A)]: Feet Below Land Surface Test Pumping Rate: Gallons Per Min	Pump Test Data for Non Flowing Well	
Drawdown [(B) - (A)]: Feet Below Land Surface Test Pumping Rate: Gallons Per Min	ed: Duration of Pump Test (mi	inimum 4 hours): Hours
	evel (A): Feet Below Land Surface Pumping Water Level (B):	Feet Below Land Surface
Method of measurement (check one): ☐ Steel tape ☐ Electric tape ☐ Air line ☐ Other (describe):	- (A)]: Feet Below Land Surface Test Pumping Rate: _	Gallons Per Minute
	isurement <i>(check one):</i> ☐ Steel tape ☐ Electric tape ☐ Air line ☐ Other <i>(desc</i>	rribe):
Pump Test Data for Flowing Well	Pump Test Data for Flowing Well	
Measured shut in head: Feet	in head: Feet	
Wall violed CDM with a drawdown of fact offer hours of numbing	CDM with a drawdown of fact offer	hours of numning
Well yielded GPM with a drawdown of feet after hours of pumping	GPW with a diawdown of feet after	nours of pumping
Meter Installation	Meter Installation	
Meter Manufacturer: Meter Serial Number:	eturer: Meter Serial Number:	
Meter Model Number/Name: Type of Meter: RECEIV	umber/Name: Type of Meter:	RECEIVEL
Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc):	ster Unit and Multiplier Factor (AF x .001, gal x 1000, etc):	WAY 15 2017
Installation Date: Meter installed by:		MAN 8 A COM
Is This Meter (check one): ☐ New ☐ Repaired ☐ Replacement BY O L\	check one): ☐ New ☐ Repaired ☐ Replacement	BYOLWF
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 MDEO website.	For agricultural wells, a list of approved meters is on the MDEQ	Spressite.
I HEREBY CERTIFY that the above statements are true to the best of my knowledge.	RTIFY that the above statements are true to the best of my knowledge.	
0695 5-10-17	5-10-17	
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer	of Pump Installer and License No. (if applicable) Date	
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer		Signature of Pump Installer Form: OLWR-SWR-1B (4/13)

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. O. Box 2309
Jackson, Mississippi 39225

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws. Mississippi Code Sections 51: 3-1, et seq. (1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned, or otherwise allefied, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred or revoked without prior action by the Permit Board. Any attempts to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligations and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow, lake level elevation, or static groundwater level (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert/withdraw water for the beneficial use designated before, and for no other purpose, subject to the following terms, conditions, and limitations:

Permit Number: MS-GW-49818

Landowner Name: SANDY BAYOU LAND AND TIMBER

Landowner Address: 5415 SANDY BAYOU ROAD

ROLLING FORK MS 39159

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: TRRIGATION

Diversion/Withdrawal Location: NW 1/4 of the NE 1/4 Section: 15 Township:12N Range: 07W

County: SHARKEY

Quad ROLLING FORK WEST

Maximum Volume: 120 Acre-Feet/Year equivalent to . 1071 Million Gallons/Day

Maximum Rate: 2500 Gallons/Minute

Applicant Name: SANDY BAYOU FARMS
Applicant Address: 5415 SANDY BAYOU ROAD

ROLLING FORK MS 39159

Date Permit Issued: 02/06/2017 **Date Permit Expires:** 02/06/2022

Date Permit Modified: Date Permit Re-issued:

This permit shall be deemed null and void if construction has not begun within one (i) year of permit.

Special terms and conditions. See attachment 1, which is hereby declared to be part of this cernif.

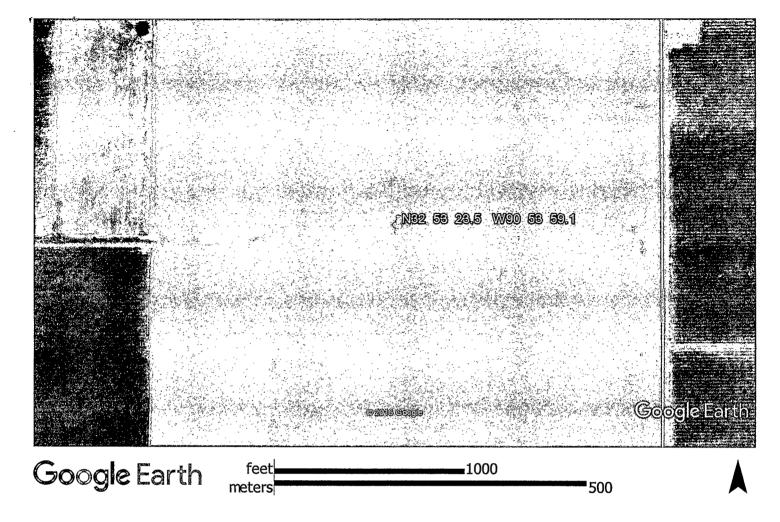
SPECIAL TERMS AND CONDITIONS 2:

RECEIVED

MAY 15 2017

BY OLWR

Gary C. Rikard, Executive Director



RECEIVED MAY 15 2017 BY OLWR