

# STATE WELL REPORT

285

County: Chsde  
 Permit #: \_\_\_\_\_  
 Driller: David West  
 Date drilling completed: 1-16-2019

**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)961-5555  
 (601)961-5228 (fax)

**For Office Use Only:**

Well #: M91  
 Aquifer: \_\_\_\_\_  
 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.*

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Solar Exploration</u>	Latitude: <u>31-58-21.05</u> Longitude: <u>88-48-9.66</u>
Mailing Address: <u>5395 Pearl Parkway</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Ste 200</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Boulder</u> <u>CO</u> <u>80301</u>	<u>SE 1/4 NW 1/4</u> , Sec <u>31</u> T <u>2N</u> R <u>8W</u>
City State Zip Code	<u>6</u> Miles <u>SW</u> of <u>Quitman</u> <u>15E</u>
Telephone No. <u>(318) 229-8668</u>	(Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 1-16-2019 Date drilling completed: 1-16-2019 Hole depth: 325' Hole diameter: 6 1/2"

Location of the source of any surface water used for drilling: Wellwater

Method of dosing and volume of Chlorine used in drilling and development: Tabs 50PPM

Logs run (check all applicable):  Log run  Electric  Gamma Ray  Density  Sonic  Neutron Other: RECEIVED

Name of organization running log(s): \_\_\_\_\_

Purpose of borehole (check one): Water Well  Geotechnical/Geological Investigation  Ground Source Heat Pump  Seismic Survey Other (describe) \_\_\_\_\_

JAN 28 2019  
BY OLWR

*If drilling is not related to water well construction, skip the remainder of this block*

Purpose of Well (check all applicable):  Home  Industrial  Public Supply  Irrigation  Fish Culture

Other (describe): Big Supply

If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 26 feet  above or  below land surface Date measured: 1-16-2019  
(check one)

Method of measurement (check one)  Steel tape  Electric tape  Air line  Other (describe): Sonar

Well depth: 325' Well grouted to a depth of: 50 feet Type of grout (check one)  Neat Cement  Bentonite  Mix

Casing length: 285 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .010 inches Setting depth: From 285 feet to 325 feet

Type of completion (check all applicable)  Gravel packed  Underreamed  Open hole  Natural Development

Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: \_\_\_\_\_ feet

*If telescoped or more than one screen, describe on next page*

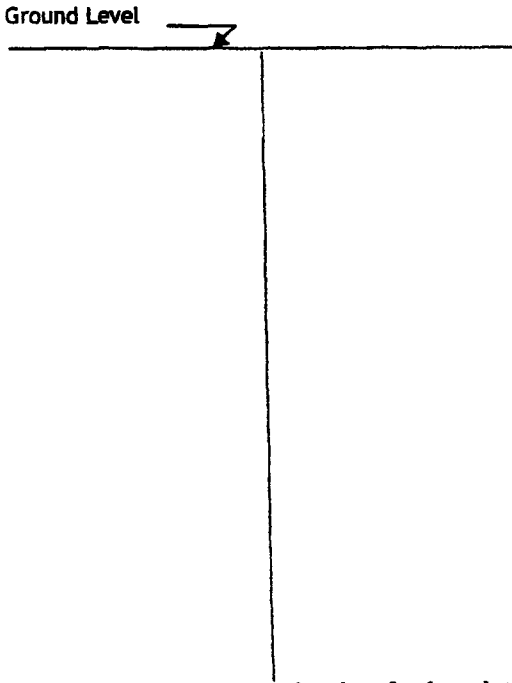
County: Clare  
 Permit #: \_\_\_\_\_

**For Office Use Only:**  
 Well #: M91

**The sketch below only required for water wells**

**If well telescopes, show depths on sketch.**

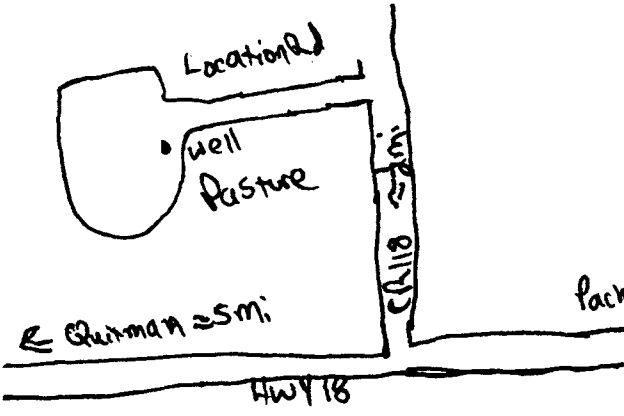
**Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations**



Description of Formations Encountered	From (depth)	To (depth)
Sandy clay	Ground level	38
Clay	38	52
Sand	52	88
Open sandclay	88	130
Clay	130	240
Sand	240	325

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) north arrow



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 JAN 28 2019  
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Landowner Name: Sylor Exdation

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

David West 0692      1-24-2019      [Signature]  
 Print Name of Responsible Licensee and License No.      Date      Signature of Licensee

# 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)

County: Clarke  
 Permit #: \_\_\_\_\_  
 Driller: Dave West  
 Date completed: 1-16-2019  
*Copy information from block on Part 1*

**For Office Use Only:**

Well #: M91  
 Aquifer: \_\_\_\_\_

*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	Well Location
Owner Name: <u>Solar Exploration</u>	Latitude: <u>31-58-21.05</u> Longitude: <u>88-48-9.66</u>
Mailing Address: <u>5395 Pearl Parkway</u> <u>Sye 200</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Boulder</u> <u>CO</u> <u>80301</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 NW 1/4, Sec 31 T 2N R 8W</u>
Telephone No. <u>(318) 227-8608</u>	<u>6</u> Miles <u>SW</u> of <u>Quitman</u> (Distance) (Direction) (Nearest Town)

**Pump Type (check one)**

Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_

Date Pump Installed: 1-16-2019 Rated Pump Capacity: 85 Gallons Per Minute

Is This Pump (check one):  New  Repaired  Replacement  Rental

**Power Type (check one)**

Electric  Diesel  Gasoline  Natural Gas  Tractor PTO  Windmill  Other (describe): \_\_\_\_\_

Horse Power Rating of Motor: 7.5 Setting Depth: 140 feet Number of Stages: \_\_\_\_\_

**Pump Test Data for Non Flowing Well**

Date Well Tested: \_\_\_\_\_ Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours

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 Minute

Method of measurement (check one): Steel tape  Electric tape  Air line  Other (describe): \_\_\_\_\_

**Pump Test Data for Flowing Well**

Measured shut in head: \_\_\_\_\_ feet.

Well yielded \_\_\_\_\_ GPM with a drawdown of \_\_\_\_\_ feet after \_\_\_\_\_ hours of pumping

**Meter Installation**

Meter Manufacturer: \_\_\_\_\_ Meter Serial Number: \_\_\_\_\_

Meter Model Number/Name: \_\_\_\_\_ Type of Meter: RECEIVED

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): JAN 28 2019

Installation Date: \_\_\_\_\_ Meter installed by: BY CLWR?

Is This Meter (check one):  New  Repaired  Replacement

*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 MDEQ website.*

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

Dave West 0792 1-24-2019 [Signature]  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer