Well #2

County: Perry

Permit #:

Driller: David L. Cain

Date drilling completed: 5/18/2018

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
(601)961-5210
(601)961-5228 (fax)

For Office Use Only:

Aquifer:

Well #: C90

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.

Information on Well Owner
(Landowner if borehole is not for a water well)

Owner Name: Steve Goodnight

Mailing Address: 91836 Hwy 42

Richton (City) Ms (State) 39476 (Zip Code)

Telephone No. (601) 408 6677

Well or Borehole Location

Latitude: 31 ° 23 ' 10 " Longitude: 88 ° 51 ' 50 "

Method of Lat/Long (circle one): Conventional Survey, USGS quad, (Hand-held GPS), Survey-grade GPS

N ¼ E ¼ Sec 23 Twn 5N Rng 9 W (SW NE)

Distance 4 Miles Direction East of Nearest Town Richton Ms

Well / Borehole Data

Date drilling started: 5/14 Date drilling completed: 5/16 Hole depth: 340 Hole diameter: 4"

Location of the source of any surface water used for drilling: East Perry County Comm. Well

Method of dosing and volume of Chlorine used in drilling and development:

Logs run (circle all applicable): (No log run) Electric Gamma Ray Density Sonic Neutron Other:

Name of organization running log(s):

Purpose of borehole (check one): Water Well X Geotechnical/Geological Investigation ___ Ground Source Heat Pump ___

Seismic Survey ___ Other (*describe*)

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

Purpose of Well (check one): Home ___ Industrial X Public Supply ___ Irrigation ___ Fish Culture ___ Other: Chicken Farm

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

Static Water Level: 92 feet above or below (circle one) land surface Date measured: 5/17/2018

Method of Measurement (circle one) steel tape electric tape air line other: String

Well depth: 340 Well grouted to a depth of 20 feet Type of grout (circle one): Neat Cement (Bentonite) Mix

Casing length: 300 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: #10 inches Setting depth: From 300 feet to 340 feet

Type of completion (circle all applicable): Gravel packed Underreamed (Telescoped) Open hole Natural Development

Other (describe):

Top of lap pipe or reduction in casing: 280' feet. ***If telescoped or more than one screen, describe on next page***

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Form: OLWR-SWR-1A (04/08)

Southern Ms Water Well Drilling
Lic # 0-831

Randall Cain
5/31/2018

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
(601)961-5210
(601)961-5228 (fax)

County: Perry
Permit #:
Driller: Donald Cain
Date completed: 5/18/2018
Copy information from block on Part 1

For Office Use Only:
Aquifer:
Well #: C90
Elevation:

Well #2

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: Steve Goodnight
Mailing Address: 91836 Hwy 42
Richton MS 39476
City State Zip Code
Telephone No. (601) 408 6677

Well Location

Latitude: 31°23'10" Longitude: 88°51'50"
Method of Lat/Long (check one): Conventional Survey ___, USGS quad ___, Hand-held GPS X, Survey-grade GPS ___
N ¼ SW ¼ E ¼ NE ¼ Sec 23 T 5 N R 9 W
Distance Direction Nearest Town
4 Miles East of Richton MS

Pump Type
Circle one

Air Lift, Jet, (Submersible), Bucket, Piston, Turbine, Centrifugal, Rotary, Flowing Well
Other (specify):
Date Pump Installed: 5/17/2018
Rated Pump Capacity: 50 Gallons Per Minute

Power Type
Circle one

Diesel Engine, Gasoline Engine, Natural Gas, (Electric Motor), Hand, Tractor PTO, Windmill, Other (specify):
Horse Power Rating of Motor: 5 hp
Setting Depth: 180 feet
Number of Stages: 15

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Pump Test Data

Date Well Tested: 5/17/2018
Static Water Level (A): 92 Feet Below Land Surface
Pumping Water Level (B): 125 Feet Below Land Surface
Drawdown [(B) – (A)]: 33 Feet Below Land Surface
Test Pumping Rate: 90 Gallons Per Minute
Duration of Pump Test (minimum 4 hours): 4 hours

Method of Measuring Water Level
Circle one

Air Line, Electric Measuring Line, Steel Tape
Other (specify): String
For flowing well, measured shut in head: ___ feet
Well yielded 90 GPM with a drawdown of 33 feet after 4 hours of pumping

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

Southern Mississippi Water Well — Print Name of Pump Installer and License No. (if applicable)
Lic # D-831

Signature of Pump Installer
5/31/2018

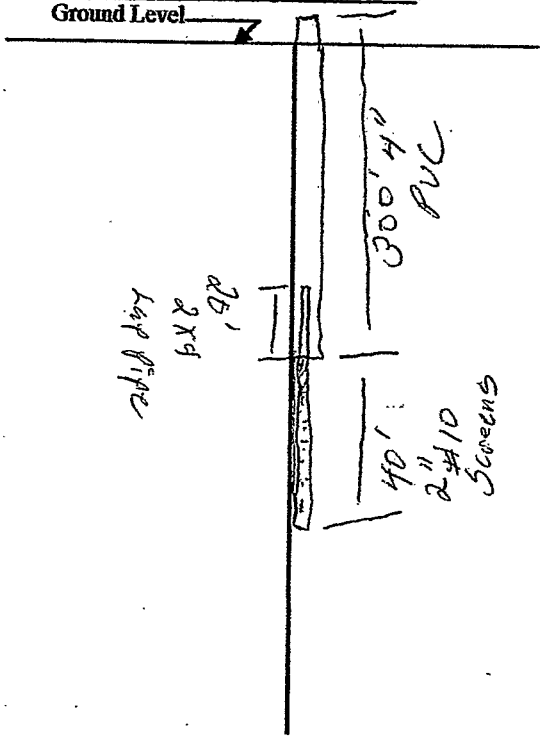
Form: OLWR-SWR-1B (04/08)

C90

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Well #2

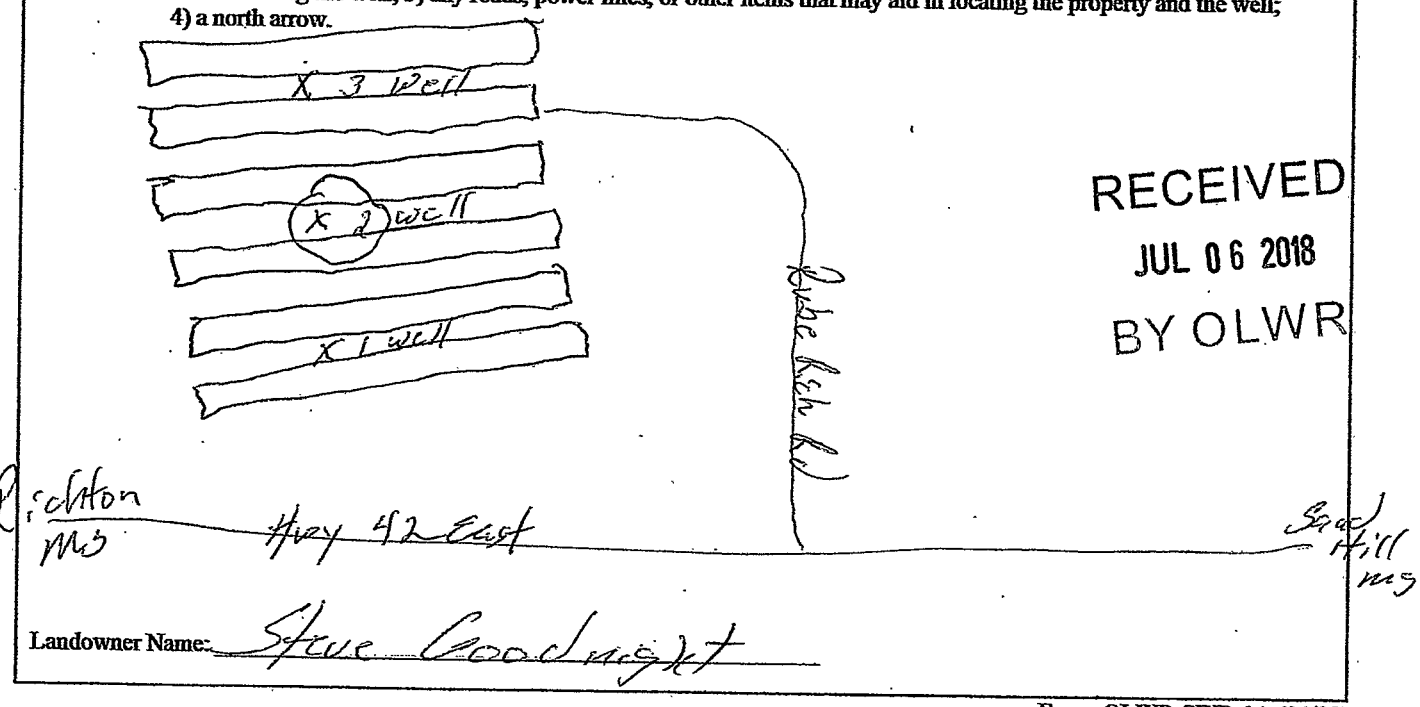


If more than one screen, show location of each on sketch

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)
Top soil & Clay	Ground Level	15
Sand	15	25
Clay	25	200
Sand & Clay Mix	200	280
Water Sand	280	340

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) a north arrow.



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BY OLWR

Landowner Name: Steve Goodnight

Form: OLWR-SWR-1A (04/08)

I 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.

Southern MS Water Well 5/31/2018 [signature]

Print Name of Responsible Licensee and License No. **Date** **Signature of Licensee**

#0-831