

STATE WELL REPORT

Part I

County: Copiah
 Permit #: MS-GW-46930
 Driller: Gary Rayborn
 Date drilling completed: 12/3/18

17401 **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 #: K57
 Aquifer: _____
 E-Log #: _____

well #1

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>Krystal Gravel, Inc.</u> | Latitude: <u>31° 55' 15.6" N</u> Longitude: <u>90° 16' 8.4" W</u> |
| Mailing Address: <u>113 Bobo Drive</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| <u>Crystal Springs MS 39059</u> | USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |
| City State Zip Code | <u>SW 1/4 SE 1/4, Sec 14 T 1 N R 1 W</u> |
| Telephone No. (601) <u>896-1555</u> | <u>7</u> Miles <u>E</u> of <u>Hazlehurst</u> |
| | (Distance) (Direction) (Nearest Town) |

Well / Borehole Data

Date drilling started: 10/9/18 Date drilling completed: 12/3/18 Hole depth: 220' Hole diameter: 12 3/4"

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

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 (circle one): Water Well 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 (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: 152 feet [above or (below) land surface] (circle one) Date measured: 12/3/18

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Well depth: 220' Well grouted to a depth of: 100 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 170 feet Casing diameter: 8 inches Type of casing: PVC

Screen length: 50 feet Screen diameter: 8 inches Type of screen: Slotted PVC

Screen slot size: .020 inches Setting depth: From 170 feet to 220 feet

Type of completion (circle 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

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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 #: K57
Aquifer: _____

County: Copiah
 Permit #: MS-GW-16930
 Driller: Gary Rayborn
 Date completed: 12-3-18
Copy information from block 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 30 days of well completion.

| Well Owner Information | Well Location |
|--|---|
| Owner Name: <u>Krystal Gravel Inc.</u> | Latitude: <u>31°55'15.6"N</u> Longitude: <u>90°16'8.4"W</u> |
| Mailing Address: <u>113 Bobo Drive</u> | Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |
| <u>Crystal Springs MS 39059</u> City State Zip Code | <u>SW</u> ¼ <u>SE</u> ¼, Sec <u>14</u> T <u>1N</u> R <u>1W</u> |
| Telephone No. <u>(601) 896-1555</u> | <u>7</u> Miles <u>E</u> of <u>Hazlehurst</u> (Distance) (Direction) (Nearest Town) |

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Pump Type (check one)
 Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
 Date Pump Installed: 12/3/18 Rated Pump Capacity: 300 Gallons Per Minute
 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: 30 Setting Depth: 189 feet Number of Stages: 3

Pump Test Data for Non Flowing Well
 Date Well Tested: 12/3/18 Duration of Pump Test (minimum 4 hours): _____ hours
 Static Water Level (A): 152 Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface
 Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: 300 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: _____
 Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____
 Installation Date: _____ Meter installed by: _____
 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.
Rayborn Drilling Inc. 0-60 12-17-18
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer