

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: 0228

Well #: \_\_\_\_\_

L.S. Elevation: \_\_\_\_\_

E-log #: \_\_\_\_\_

County: Sunflower

Permit #: GW-40346

Driller: Irrigation Equipment

Date drilling completed: 07/27/2012

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: Catfish Bayou Land Co.

Mailing Address: P.O. Box 98

Sidon Ms 38754  
City State Zip code

Telephone No. ( ) -

Well or Borehole Location

Latitude: 33 ° 30 ' 06 " Longitude: 90 ° 30 ' 38 "

Method of Lat/Long (check one):  Conventional Survey,

USGS quad,  Hand-held GPS,  Survey-grade GPS

SW 1/4 NE 1/4 Sec 21 TwN 19N Rng 3W

Distance Direction Nearest Town

3 Miles Southeast of Sunflower

Well / Borehole Data

Date drilling started: 07/27/2012 Date drilling completed: 07/27/2012 Hole depth: 122 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 development: 50 PPM

Logs run (check 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  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  Public Supply  Irrigation  Fish Culture  Other: Replacement

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

Static Water Level: 53 feet above or below (check one)  land  surface Date measured: 07/28/2012

Method of Measurement (check one)  steel tape  electric tape  air line  other: \_\_\_\_\_

Well depth: 122 Well grouted to a depth of 10 feet Type of grout (check one):  Neat Cement  Bentonite  Mix

Casing length: 82 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 83 feet to 122 feet

Type of completion (check all applicable):  Gravel packed  Underreamed  Telescoped  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

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

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STATE WELL REPORT

0228

County: Sunflower
Permit #: GW-40346
Driller: Irrigation Equipment
Date drilling completed: 07/27/2012
Copy information from block on Part 1

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)

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

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: Catfish Bayou Land Co.
Mailing Address: P.O. Box 98
Sidon Ms 38754
Telephone No.
Well Location: Latitude: 33 30' 06.9 N Longitude: 90 30' 38.0 W
Method of Lat/Long (check one): [ ] Conventional Survey, [ ] USGS quad, [X] Hand-held GPS, [ ] Survey-grade GPS
SW 1/4 NE 1/4 Sec 21 T 19N R 3W
Distance 3 Miles Direction Southeast of Nearest Town Sunflower

Pump Type: [ ] Air Lift, [ ] Jet, [ ] Submersible, [ ] Bucket, [ ] Piston, [X] Turbine, [ ] Centrifugal, [ ] Rotary, [ ] Flowing Well
Other (specify):
Date Pump Installed: 07/28/2012
Rated Pump Capacity 2000+/- Gallons Per Minute
Power Type: [ ] Diesel Engine, [ ] Gasoline Engine, [ ] Natural Gas, [X] Electric Motor, [ ] Hand, [ ] Tractor PTO, [ ] Windmill, [ ] Other (specify):
Horse Power Rating of Motor: 50
Setting Depth: 80 feet
Number of Stages: 2

Pump Test Data: Date Well Tested:
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
Duration of Pump Test (minimum 4 hours): hours
Method of Measuring Water Level: [ ] Air Line, [ ] Electric Measuring Line, [ ] Steel Tape
Other (specify):
For flowing well, measured shut in head: feet
Well yielded GPM with a drawdown of feet after hours of pumping

This is for (check one): [ ] New Well [X] Replacement of Existing Pump [ ] Repair of Existing Pump

I HEREBY CERTIFY that the above statements are true to the best of my knowledge
Patrick Chism 0695
Print Name of Pump Installer and License No. (if applicable)
Signature of Pump Installer

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