

# 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 #: N0121  
Aquifer: MOCN  
E-Log #: \_\_\_\_\_

County: Jones  
Permit #: MS-GW-16296 /  
Driller: Griner  
Date drilling completed: 10/01/2007

*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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Moselle Water Association</u>	Latitude: <u>31° 30.194'</u> Longitude: <u>89° 16.494'</u> (from <u>eloge</u> )
Mailing Address: _____	<u>31° 30' 11.64"</u> <u>89° 16' 29.64"</u>
City _____ State _____ Zip Code _____	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
Telephone No. (____) _____	<u>NE</u> <u>1/4</u> <u>NW</u> <u>1/4</u> , Sec <u>11</u> <u>T</u> <u>06N</u> <u>R</u> <u>13W</u>
	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: _____ Date drilling completed: _____ Hole depth: <u>776</u> Hole diameter: <u>16</u>
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 <input checked="" type="checkbox"/> Electric <input checked="" type="checkbox"/> Gamma Ray _____ Density _____ Sonic _____ Neutron _____ Other: _____
Name of organization running log(s): <u>Griner</u>
Purpose of borehole (circle one) <input checked="" type="checkbox"/> Water Well _____ Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____ Seismic Survey _____ Other (describe) _____
<i>If drilling is not related to water well construction, skip the remainder of this block</i>
Purpose of Well (circle all applicable): Home _____ Industrial _____ <input checked="" type="checkbox"/> Public Supply _____ Irrigation _____ Fish Culture _____
Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>203</u> feet [above or <input checked="" type="checkbox"/> below] land surface Date measured: <u>MAR 29 2017</u> (circle one)
Method of measurement (circle one): Steel tape _____ Electric tape _____ Air line _____ Other (describe): _____
Well depth: <u>766</u> Well grouted to a depth of: <u>700</u> feet Type of grout (circle one): <input checked="" type="checkbox"/> Neat Cement _____ Bentonite _____ Mix _____
Casing length: <u>700</u> feet Casing diameter: <u>12 3/4</u> inches Type of casing: <u>Steel</u>
Screen length: <u>40</u> feet Screen diameter: <u>8 5/8</u> inches Type of screen: <u>SS Munipak</u>
Screen slot size: <u>0.02</u> inches Setting depth: From <u>716</u> feet to <u>756</u> feet
Type of completion (circle all applicable): Gravel packed _____ <input checked="" type="checkbox"/> Underreamed _____ Open hole _____ Natural Development _____
Other (describe): _____
Top of lap pipe or reduction in casing: <u>636</u> feet
<i>If telescoped or more than one screen, describe on next page</i>

County: Jones  
Permit #: MS-GW-16296

**For Office Use Only:**  
Well #: N0121

*The sketch below only required for water wells*  
*If well telescopes, show depths on sketch.*

Ground Level →

See Attached

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

Description of Formations Encountered	From (depth) Ground level	To (depth)

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

**RECEIVED**  
**MAR 29 2017**  
**BY OLWA**

Landowner Name: \_\_\_\_\_

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.

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: Jones  
 Permit #: MS-GW-16296  
 Driller: Griner  
 Date completed: 10/01/2007  
Copy information from block on Part 1

**For Office Use Only:**

Well #: N0121  
 Aquifer: MOCN

*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>Moselle Water Association</u>	Latitude: <u>31° 30.194'</u> Longitude: <u>89° 16.494'</u> (from <u>elog</u> )
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>NE</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$ , Sec. <u>11</u> T. <u>06N</u> R. <u>13W</u>
Telephone No. (____) _____	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**

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

Date Pump Installed: 05/23/2007 Rated Pump Capacity: ~~31° 30.194'~~ 500 Gallons Per Minute

Is This Pump (circle one):  New  Repaired  Replacement

**Power Type (circle one)**

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

Horse Power Rating of Motor: 100 Setting Depth: 378 feet Number of Stages: 3

**Pump Test Data for Non Flowing Well**

Date Well Tested: 03/14/07 - 03/15/07 Duration of Pump Test (minimum 4 hours): 22 hours

Static Water Level (A): 203.83 Feet Below Land Surface Pumping Water Level (B): 320.09 Feet Below Land Surface

Drawdown [(B) - (A)]: 116.26 Feet Below Land Surface Test Pumping Rate: 503 Gallons Per Minute

Method of measurement (circle 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: RECEIVED

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

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): MAR 29 2017

Installation Date: \_\_\_\_\_ Meter installed by: BY OLWR

Is This Meter (circle 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.

Print Name of Pump Installer and License No. (if applicable) \_\_\_\_\_ Date \_\_\_\_\_ Signature of Pump Installer \_\_\_\_\_

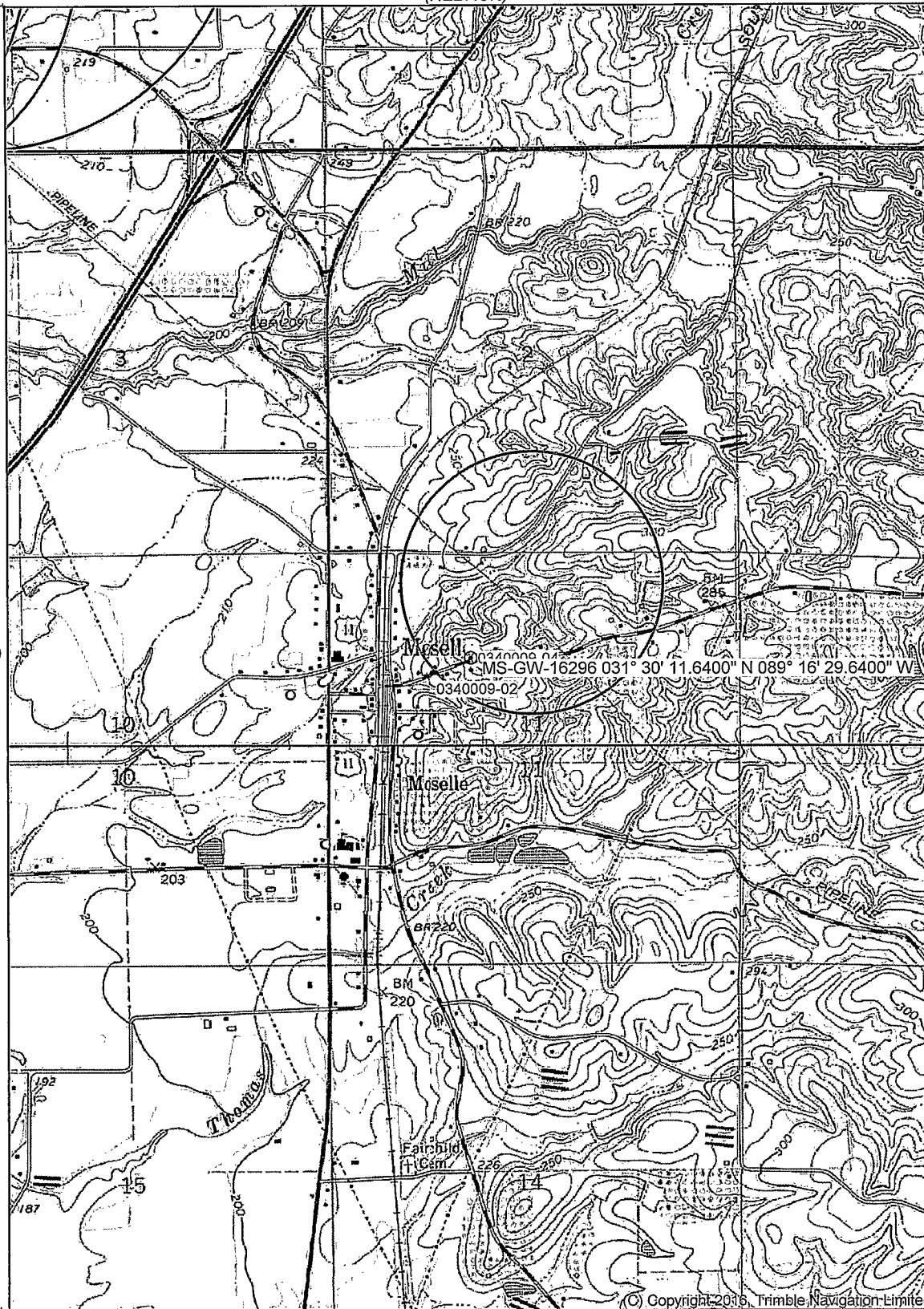
089° 17' 38.9487" W  
031° 31' 35.1680" N

(HEBRON)

089° 15' 20.1782" W  
031° 31' 35.1680" N

(SEMINARY)

(ELLSVILLE)



031° 28' 47.5654" N  
089° 17' 38.9487" W

031° 28' 47.5654" N  
089° 15' 20.1782" W

(SANFORD)

(EASTABUCHIE)  
SCALE 1:24000

MAR 29 2017

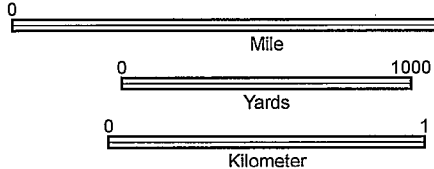
(BARRONTOWN)

Produced by Trimble Terrain Navigator Pro  
Topography based on USGS 1:24,000  
Maps

North American 1983 Datum (NAD83)

To place on the predicted North American  
1927 move the projection lines 19M N and  
6M W

Declination

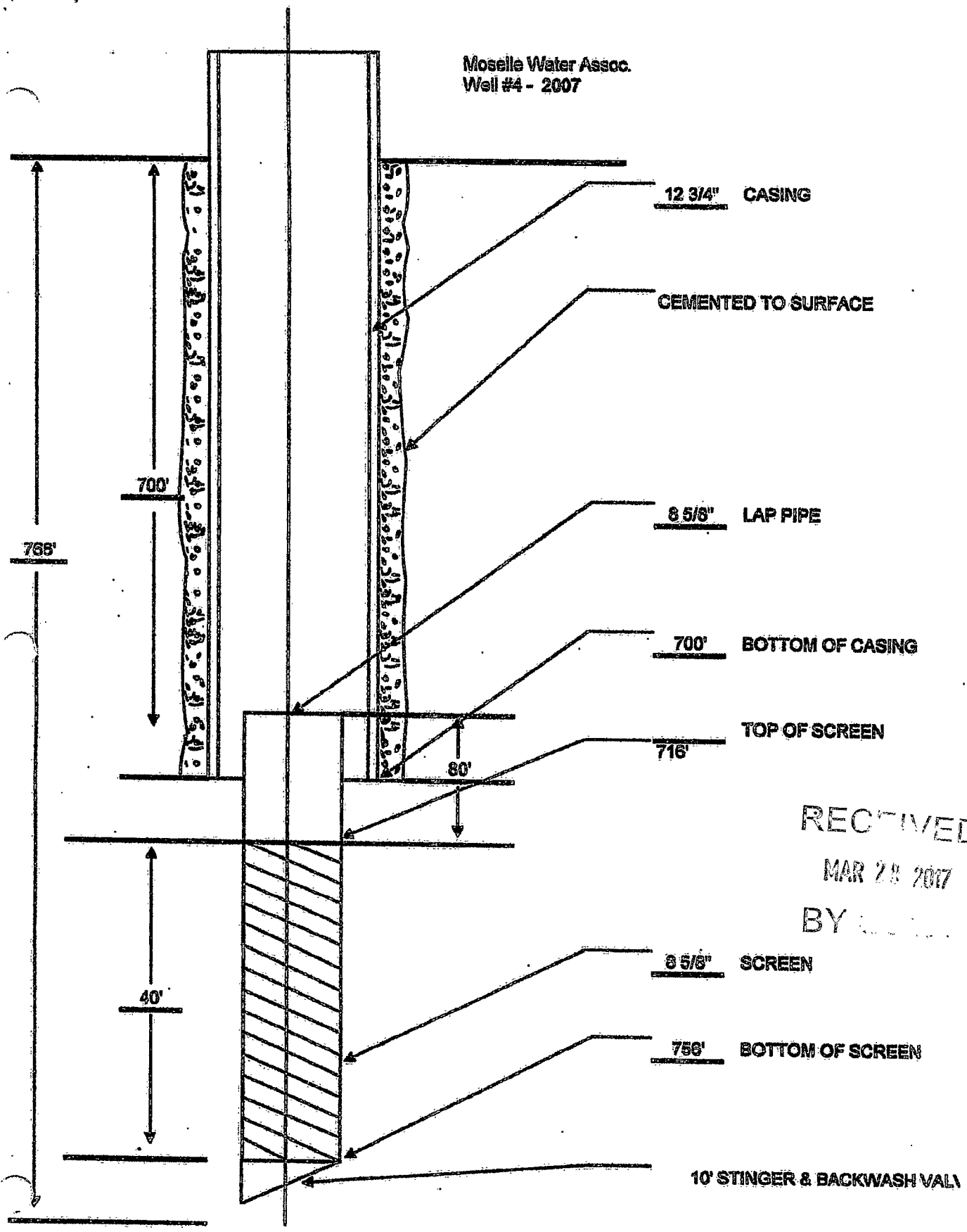


CONTOUR INTERVAL 10 FT

BY OLWR

31089-E3-TM-024  
MOSELLE, MS  
JAN 1, 1982

Moselle Water Assoc.  
Well #4 - 2007



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MAR 28 2017

BY

10' STINGER & BACKWASH VALV

# GRINER DRILLING SERVICE, INC.

TELEPHONE 736-6347

P. O. DRAWER 825

COLUMBIA, MS 39429

## LOG FORM

NAME	Moselle Water Association
LOCATION	Ovett-Moselle Rd. Well
ENGINEER	G & S Engineering
DRILLER	Griner Drilling Service
COMPLETED	October 1, 20 0 7 ACCEPTED
SALES ENGINEER	Perry Bridges
FIELD SUPERVISOR	Everett Robertson

## WELL DATA

Length surface casing	N/A	Size surface casing	N/A		
Cemented	N/A	No. Sacks	N/A	Size drilled hole	18"
Depth drilled hole	776'	Size well casing	12 3/4	Type	steel
Length well casing	700'	Cemented	yes	No. of sacks	420
Size underreamed hole	11"	Length underreamed hole	60'		
Size screen	8 5/8	Type	municipak	Mfg. by	Johnson
Slot size	0.02	Material	stainless steel	Length screen	40'
Lap pipe size	8 5/8	Lap pipe length	80'	Type	coated ID&OD
Type gravel		No. yards		Distance to lap	
Distance to screen top	716'	Distance to gravel	647'		
Distance to screen bottom	756'	Type bottom	10" string w/ BW valve		
Connection top of lap	R to L	Static water level	203'		

## PUMP DATA

Type	submersible	Make	Am. Turbine	Serial No.	10L20L5653H		
Size bowls	10"	No. stages	3	Curve No.	10-L-20	Length bowls	39"
Length column	21'	Size column	6"	Type column	Galv. T&C		
Size oil tube	N/A	Size shaft	N/A	Length suction	N/A		
Size suction	N/A	Size discharge	6"	Head No.	fabricated		
Overall pump length	94"	Length headshaft	N/A				
Type lubrication	sub	Type oiler	N/A	Length air line	378'		
Rated capacity	500	GPM Total head	457.05				
RPM	3500	Size foundation	3' x 3'	Height	24"		

## ELECTRIC MOTOR DATA

Type	Sub	Make	Franklin Electric	Serial No.	06J19-14-8006		
HP	100	Voltage	460	RPM	3525	Frame	N/A
Style	sub	Phase	3	Cycle	60	Amps	128-142 max
Height motor	55"	Dia. base	12"	Clutch bore	N/A	Clutch No.	N/A
Top bearing No.	N/A	Lower bearing No.	N/A	Lubrication	N/A		

## CONTROL PANEL

Type	NEMA 3R	Make	C.S.I.		
Catalog No.		Starter size	4	Amp rating	124
Volts	480	Phase	3	Cycles	60
Fuse size	150	Size wire	Mar-00		
Entrance disconnect	Mar-00	Fused/Nonfused	fused		

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MAR 29 2007

BY [Signature]

JOB: Mosselle Water Assoc.  
WELL: Well #4

PUMP INSTALLATION

DATE: 5/23/2007

PUMP

Make American Turbine  
Model # 10L20L5653H  
Serial # NA  
Size Bowl 10'  
# of Stages 3  
Curve # 10-L-20  
Stick up on tube NA  
Stick up on shaft NA  
Bowl Shaft Thread per Inch NA  
Bowl Shaft Thread Size NA  
Pump Length NA  
Size Suction NA  
Size Discharge NA  
Tapered or Straight NA  
Type of Lubrication NA  
Type of Oiler NA

COLUMN PIPE

Size 8"  
Length 21'  
Amount 378'  
Length of Top 12"  
Length of Bottom 12"  
Size of Suction Pipe NA  
Length of Suction Pipe NA  
Suction Strainer NA  
Coated Column Yes or No? Galv.

HEAD

Head # NA  
Make Griner Fabricated  
Size 6" x 8"  
Discharge Size 8"  
Shaft Breaks Below Base? Yes or No NA

LINE SHAFTING

Size NA  
Length NA  
Stainless or Carbon NA  
Threads Per Inch NA  
W. L. Sleeve O.D. NA  
W. L. Sleeve Length NA

TOP SHAFT

Size & Length NA  
Threads Per Inch NA  
Does top shaft have a sleeve? NA  
Distance to Top of Base from Shaft NA

BOTTOM SHAFT

Size and Length NA  
Threads per Inch (TOP) NA  
Threads per Inch (BOTTOM) NA

Keyway Size NA  
Keyway Length NA

OIL TUBE

Size NA  
Length NA  
Threads Per Inch NA

TOP TUBE

Length NA  
Threads Per Inch NA

PANEL

Make CSI  
Catalog # NA  
Size 4  
Voltage 480  
Overload Element Size 150 amp

MOTOR

Make Franklin Electric  
Serial # 0910-14-8006  
Model # 2396048021  
Horse Power 100  
R. P. M. 3525  
Voltage 480  
AMPS 126-142  
Frame # NA  
Motor Height 55"  
Adaptor Plate? Yes or No NA  
Spacer Plate? Yes or No NA

GEAR DRIVE

Make NA  
Serial # NA  
Model # NA  
Horse Power NA  
Ratio NA  
Height NA  
Keyway Size NA  
Keyway Position NA

OTHER INFORMATION

Static Level 203'  
Draw Down Level 320'  
Operating Pressure \_\_\_\_\_  
Casing I.D. 12"  
Health Dept. I.D. # NA  
Vent Pipe 2"  
Airline Length 378'  
Size of Sub Wire 2/0  
Length of Sub Wire 380'  
Packing Size NA  
Water Level Tube 1" Blk. roll  
Discharge Fitting Size 6"  
Pump Equipment Needed: \_\_\_\_\_

SIGNED: Chuck Whytehead

RECEIVED  
MAR 29 2017  
BY OLWR