

Note: talked to David Burt 10/9/03 - He gave this # to Mark Teague when an e-log was run.



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL SCHEDULE

FIPS: 121

WELL: F73

LOG NO.:

Recorded by: PPhillips Data Source: Permit Driller's log Date: 5/12/03
County: Rankin Permit No.: GW15549 DOH No.: 0610075-08
Quad: JACKSON SE Elevation: 277
1/4: SW 1/4: NW 1/4: SE 1/4: SW Sec.: 28 T: 6N R: 2E

Plotted on quad?: In field? From drillers log? From permit?

Latitude: 32 19 42.1 Longitude: 90 06 10.6 GPS? 6/10/02 RLB From Quad?

Primary aquifer: SPRT Secondary aquifer:

Use: MU Well status: Local well name:

Owner: City of Flowood

Date completed: 7/17/01 Driller: Herndon Well depth: 900 Hole Depth: 905

Pump type: Turbine Power type: Electric Pump capacity: 1000 gpm

Casing interval: 0-760' Casing length: 760' Casing diameter: 16"

Casing interval: 703 - 798 Casing length: 95 Casing diameter: 10"

Screen interval: 798' - 900' Screen length: 102' Screen diameter: 10"

Screen interval: Screen length: Screen diameter:

Type of logs: E, GR Log interval:

Initial water level: 248' Date: 7/17/01 M.P. description:

Water Quality Data? Source: Reliability:

Water Level Data? Source: Reliability:

Pump Test Data? Source: Reliability:

Water Use Data? Source: Reliability:

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED
RANKIN

WELL NUMBER **F-73** CODED

DATE WELL COMPLETED
7-17-01

PERMIT NUMBER
115549

NAME OF DRILLING FIRM
HERNDON WELL & SUPPLY

PEARL, MS.

NAME & MAILING ADDRESS OF LANDOWNER
CITY OF FLOWOOD

P.O. BOX 320069 FLOWOOD

Latitude:
Longitude:

WELL LOCATION SEC TOWNSHIP RANGE
28 6n S 2E (E)

DISTANCE DIRECTION NEAREST TOWN
Miles of **FLOWOOD**

OTHER LANDMARK
North Flowood Dr.

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
Municipal

PUMP DATA

PUMP TYPE (Circle One):
Submersible, Turbines, Jet, Flowing Well,
Other (Describe)

POWER TYPE (Circle One):
(Electric,) Tractor, Diesel, Gasoline, Bytane,
Other (Describe) H/P 150

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
brown clay	0	30
clay	30	114
shell	114	145
sandy clay	145	290
sand	290	400
clay	400	690
sand	690	905
clay	905	

WELL DATA

Well Depth 908	Casing Diameter (In.) 16"	Casing Length (Ft.) 760
Type of Casing steel	Hole Depth 760	Depth to Static Water Level 248'

TYPE OF COMPLETION: (Circle One or More):
 Gravel Packed, Underreamed, Telescoped,
 Natural Development, Open Hole, Other
 (Describe)

WELL GROUTED TO A DEPTH OF **760 FEET**
 Type Grout (circle one): Cement, Bentonite, or Mix

SCREEN DATA

Diameter - inches 10"	Length - Feet 101.56	Slot Size - inches .025
Screen Type JOHNSON	Depth to Bottom - Feet 900	

Top of Lap Pipe or Reduction in Casing
702.78 FEET

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Martin E Herndon 455
Signature of Licensed Driller and License No.

6-19-02
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth
1026	7	372 FT.

FLUMP TEST

Well yielded 1026 GPM with
 a drawdown of 49 ft.
 after 6 hours of pumping

LOG DATA

TYPE OF LOG RUN (Circle One): 1 No Log Run,
 Electric. (Gamma Ray.) Density. Sonic. Neutron.
 Other (Describe) _____

Name of Organization Running Log

Dept. of Geology

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. Elev.	Date	Analysis	Aquifer Test

Driller's Remarks

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

HERNDON WELL & SUPPLY, INC.

Well Drilling - Pump Sales & Service

P.O. BOX 6917, PEARI, MISSISSIPPI 39208

PHONE 601/832-4311

MS-GW-15549

PROJECT FLOWOOD

DRILLER CRAIG QUINN

LOCATION N. FLOWOOD DR.

DATE COMPLETED 7-17-01

ENGINEER WAGGONER ENGINEERING

HUNTER ARNOLD

WELL DATA

Well Depth 900 ft.

CASING..... Size 16 in.

Material STEEL .345 WALL

Length 760 ft.

Coating 16MILS

CEMENT..... Grout type 1 CLASS A

No. of Sacks 568

LAP PIPE..... Size 10 in.

Material COATED 10' OF STAINLESS

Length 95.6 ft.

Type of Seal GRAVEL PACK 16-30

SCREEN..... Size 10 in.

Brand JOHNSON

Length 101.56 ft.

Material STAINLESS Slot size 025

Backwash Valve YES

Material STAINLESS

GRAVEL PACK... Cubic Yards 8

Size of Underreamed hole 24 inches

HYDRAULICS.... Static Water Level 248 ft.

Pumping Water Level 296 ft.

Drawdown 49 ft.

Specific Capacity 20.94 gallons/ft.

Total Dynamic Head 460 ft.

Capacity 1026 GPM @70PSI

CHLORINATOR...

PUMP DATA

DISCHARGE HEAD..... Oil Lube Water Lube

Solenoid 460 volts

Discharge 8 in.

COLUMN..... Size 8 in.

Material STEEL Coating YES

Length 372 ft.

Oil-Tube 2.5 in. Shafting 1.5 in.

DOWN ASSEMBLY. Make AMERICAN

Serial No. L4288H Stages 7

Diameter 12 in.

Material CAST

Suction size 8 in.

Length 10 ft.

Air Line Length 372 ft.

Material COPPER

ELECTRIC MOTOR DATA

MOTOR..... Vertical Hollow Shaft 150 HP 1775 RPM 3 Phase

Model/Make US : 460 Volts 60 Cycles

Base Diameter 16 in. Ratchet self releasing non reverse

Other _____

CONTROL PANEL DATA

STARTER..... Size & Make CSI

HEATER..... Size & Make ELECTRONIC

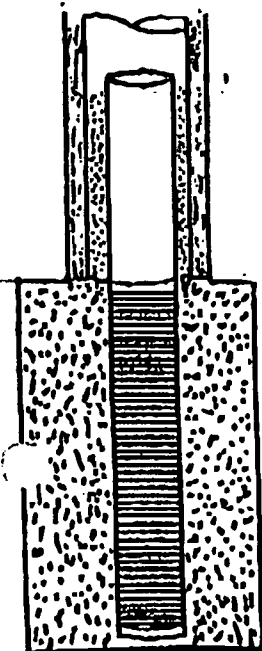
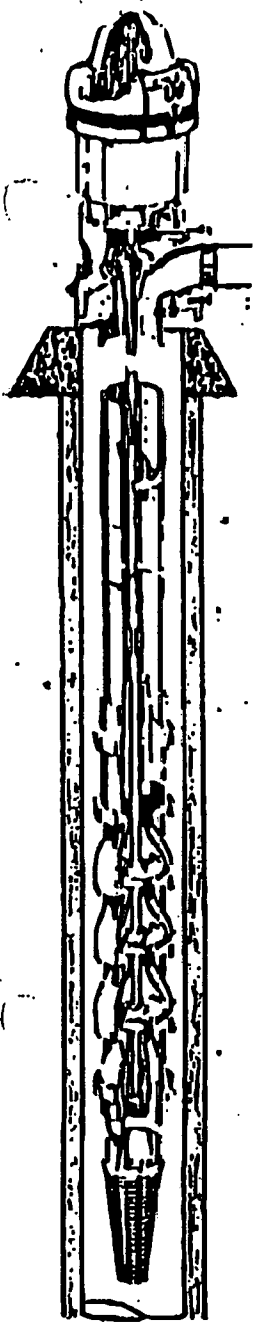
Breaker _____

Fuse BREAKER

460 Volts

3 Phase

Delta Service open closed



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB DATE: JUNE 10-2002

UNIT DEQ #: _____ FILE #: _____

HEALTH DEPT. #: 610075-08? No Tag on Well ELEVATION: _____

USGS #: F73 OLWR #: GW 15549

OWNER: Flowood, City of QUAD: Jackson SE

LOCATION: _____ S 28 T 6N R 2E COUNTY Rankin

LOCATION DESCRIPTION: N. Flowood Drive

CASING DIA: 16" PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 32.32836 LONG. -90.10294

GPS CORRECTED LOCATION: LAT. _____ LONG. _____

REMARKS: Drilled 2001 @ 900 Feet

G.P.S Taken 10 FT From Well "North"

P000702

memo

**DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT**

GPS LOG

USER NAME (S) : rlb

DATE : june 10-2002

UNIT DEQ # : _____

FILE # : _____

HEALTH DEPT. # : 610075-08 no tag. On well ELEVATION : _____

USGS # : F073

OLWR # : MS-GW-15549

OWNER : FLOWOOD , CITY OF

QUAD : JACKSON SE

LOCATION : _____ S _____ T _____ R _____ COUNTY RANKIN

LOCATION DESCRIPTION : NORTH OF FLOWOOD DRIVE

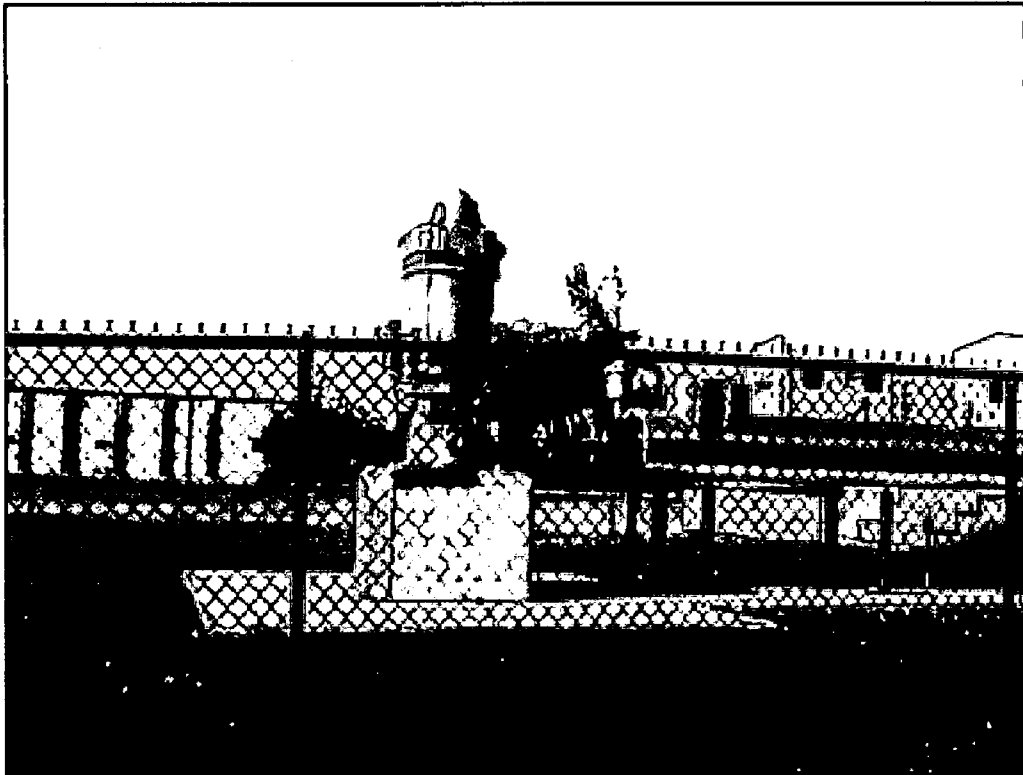
CASING DIA : _____ PUMP TYPE & SIZE : _____

GPS FIELD LOCATION : LAT. 32.32836

LONG. -90.10294

GPS CORRECTED LOCATION : LAT. _____ LONG. _____

REMARKS : GPS TAKEN 10 FT. NORTH OF WELL, P000702



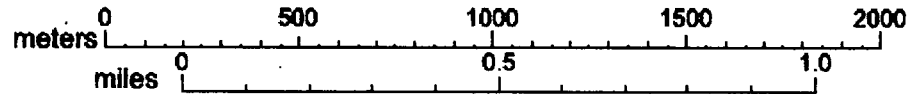
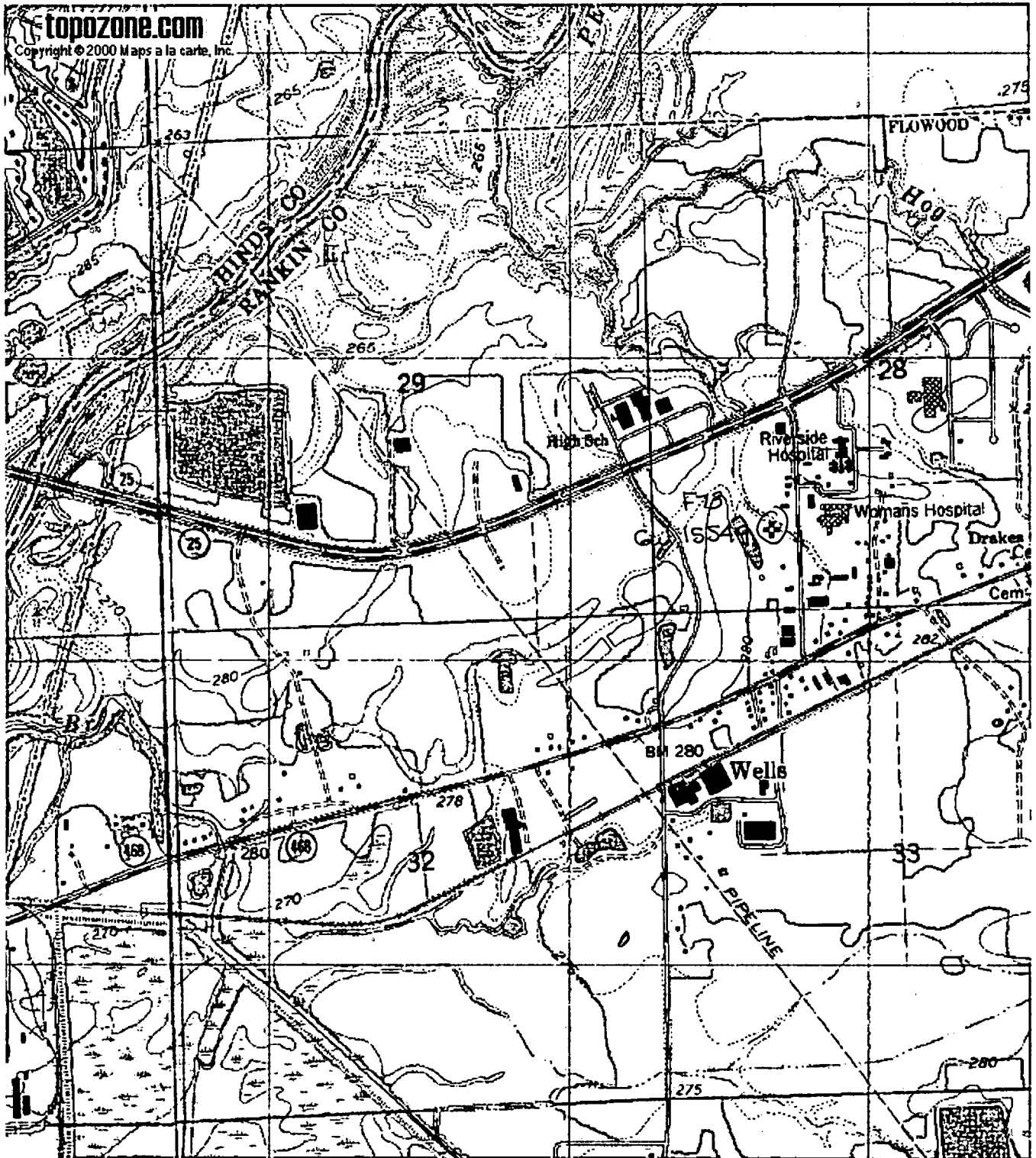
Floodwood
15549
Rankin Co.

P000702

F-73

TopoZone.com

Target is 32° 19' 46"N, 90° 06' 12"W - JACKSON SE quad [Quad.Info]



MS-GW-15549