

Coded By Q 5195
 Checked By J. D. 95
 Entered By _____
 Date _____

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 682
 County RANKIN
 Agency _____

Well No. F 70

WELL RECORD

JACKSON SE Quad

Agency Code U S G S Site Id 13211852091094311011 Project No. 5 GW 14933
 0610075-07

Station Name F 70 FLOMWOOD Latitude 93211852 Longitude 1049101016311

Lat/Long Ac. 11 S F T M Disc 6-28 State 7-28 County 8-1211 Land Net 13 SE SE 1/4 S 32 T 10 R 19 E 2

Location Map 14 JACKSON MISSISSIPPI Altitude 273 Met/Meas 16 275 Accuracy 17 A L Hydrolcic Unit 18 15 20 103181001012

Agency Use 903 A Date Invented 711 Station Type 4 Data Type 804

Instru. 805 Remarks _____ Relia. 3 C L M U 2 W X

Date of Construction 21 05 / 11 71 / 11 99 5 Well Use 23 W Water Use 24 P Primary Aquifer 714 124 SPR T Hole Depth 27 1932

Well Depth 28 1831 Water Level 30 2112 MU 31 11 / 11 5 / 11 99 5 Method 34 Status 37 Source 33 P

CONSTRUCTION DATA

Construction Date 60 11 / 11 5 / 11 99 5 Contractor 63 455 Name Herndon Method 65 H Finish 66 G

CONSTRUCTION CASING DATA

Top/Casing 725 #1 Bot/Casing 59 #1 Diameter 77 110 73 1750 79 112

Top/Casing 725 #2 Bot/Casing 59 #1 Diameter 77 16186 73 1759 79 181

CONSTRUCTION OPENINGS DATA

Top/Depth 726 #1 Bot/Depth 59 #1 Diameter 83 1750 84 1831 87 181 Type 85 S Length 89 Width 88 10210

Top/Depth 726 #2 Bot/Depth 59 #1 Diameter 83 84 87 Type 85 Length 89 Width 88

CONSTRUCTION LIFT DATA

Power 42 H.P. 46 100 Serial No. 49 Lift Type 43 T Date 38 11 / 11 5 / 11 99 5 Intake 44 13712

MISCELLANEOUS OWNER DATA

Date of Ownership 159 11 / 11 5 / 11 99 5 Owner Name 161 FLOMWOOD

MISCELLANEOUS OTHER ID DATA

E-Log No. 190 6182 Assigner 191 M I S S I O I S T

Well # 4

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934 / /	Aquifer Sampled 1954	Temp 196#00010	Value 1974
R=192	T=A	738#2	Date of Measurement 1934 / /	Aquifer Sampled 1954	So Cond 196#00095	Value 1974
R=192	T=A	738#3	Date of Measurement 1934 / /	Aquifer Sampled 1954	pH 196#00400	Value 1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E	Sec. Depth 200# 110#	End Depth 201# 932#
R=198	T=A	739#1	Log Type 199#D	Sec. Depth 200# 110#	End Depth 201# 858#

MISCELLANEOUS NETWORK DATA $706 = Qw \quad wL \quad wD \quad *$

R=114	T=A	730#1	Sec. Year 115# 19#	End Year 116# 19#	Agency Source 120#A	Freq. 117#
R=121	T=A	730#2	Sec. Year 115# 14#	End Year 116# 14#	Agency Source 117#	Freq. 118#

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# / /	Remarks 185#
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# / 15 / 1995	Type 703#P	Discharge 150# 1503#	So. Capacity 272# 14# 4#
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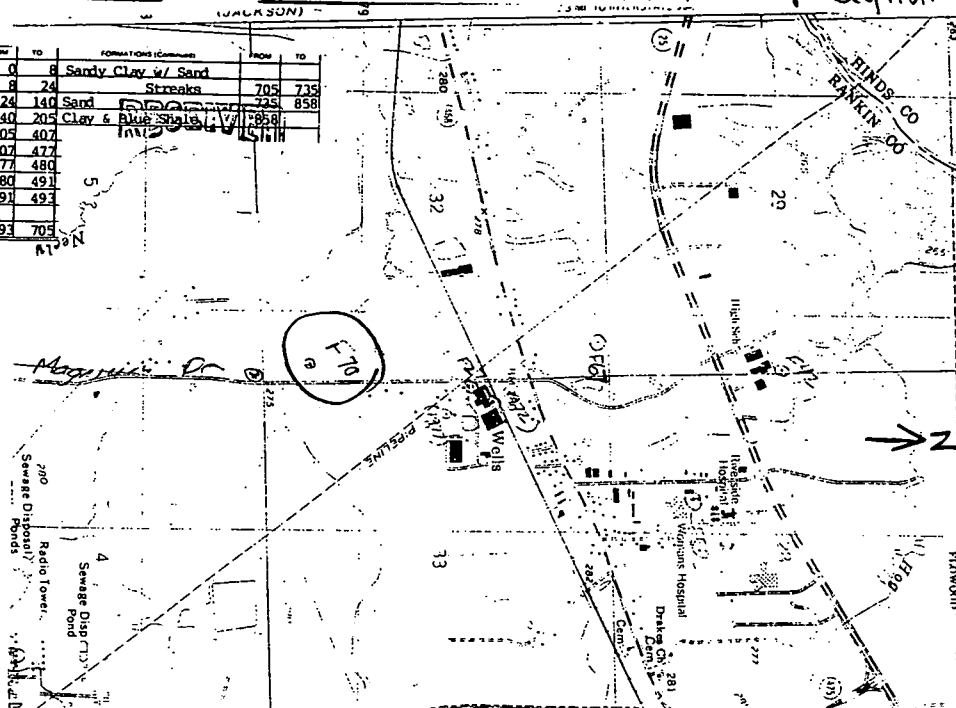
GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 1735#	Depth Bot. 92# 858#	Unit Id 93# 12451PRTT	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#	103#
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Comments)	FROM	TO
Brown Clay	0	8	Sandy Clay w/ Sand	705	735
Sand w/ Gravel	8	24	Streaks	705	735
Grey Clay	24	140	Sand	725	858
Sandy Clay	140	205	Clay & Blue Shale	725	858
Sand	205	407			
Grey Shale	407	477			
Rock	477	480			
Grey Clay	480	491			
Rock	491	493			
Clay w/ Streaks of Lignite	493	705			



Magnum Drive

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
4

PERMIT NUMBER

F70

NAME OF DRILLING FIRM
Herndon Well & Supply, Inc.

DATE WELL COMPLETED
15 November 1995

Pearl, MS 39288

NAME & MAILING ADDRESS OF LANDOWNER

City of Flowood

P. O. Box 5536

Flowood, MS 39288-5536

WELL LOCATION SEC TOWNSHIP RANGE

South of Flowood Dr. 32 6 N S 2 E

DISTANCE DIRECTION NEAREST TOWN

1/4-1/2 Miles South of Woman's Hospital

OTHER LANDMARK

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

PUMP DATA

PUMP TYPE (Circle One):
Submersible Turbine Jet Flowing Well.

POWER TYPE (Circle One):
Electric Tractor Diesel Gasoline Butane.
Other (Describe) **100 H/P 3 PH**

Pump Capacity (GPM) No. of Stages Setting Depth

503 8 372' FT.

PUMP TEST

Well yielded **503** GPM with
a drawdown of **109'** ft.
after **12** hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
830.95'	12	750
Type of Casing	Hole Depth	Depth to Static Water Level
Steel	830.95	212'

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

LOG DATA

TYPE OF LOG RUN (Circle One):
Electric Gamma Ray Density Sonic Neutron, Other (Describe)

Name of Organization Running Log
Herndon Well & Supply, Inc.

WELL GROUTED TO A DEPTH OF **750** FEET
Type Grout (circle one): Cement, Bentonite, or Mix

GEOLOGIC DATA (Office Use Only)

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

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
8	80.95	.020
Screen Type	Depth to Bottom - Feet	
S.S.	830.95	

Driller's Remarks

Top of Lap Pipe or Reduction in Casing
686.13 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Brown Clay	0	8	Sandy Clay w/ Sand		
Sand w/ Gravel	8	24	Streaks	705	735
Grey Clay	24	140	Sand	735	858
Sandy Clay	140	205	Clay & Streaks		
Sand	205	407			
Grey Shale	407	477			
Rock	477	480			
Grey Clay	480	491			
Rock	491	493			
Clay w/ Streaks of Lignite	493	705			

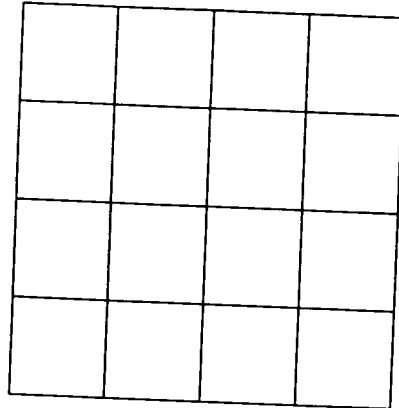
RECEIVED

NOV 22 1995

Dept. of Environmental Quality
Office of Land & Water Resources

If well telescopes please
sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GFS LOG

USER NAME(S): Phillips/Hardin DATE: 7/2/96

UNIT DEQ #: _____ FILE #: B070213C

HEALTH DEPT. #: 610075-07 ELEV. 273

USGS #: F70 OLWR #: GW14933

OWNER: North Flowood QUAD: Jackson SE

LOCATION: S 32 T 6 N R 2 E COUNTY: Rankin

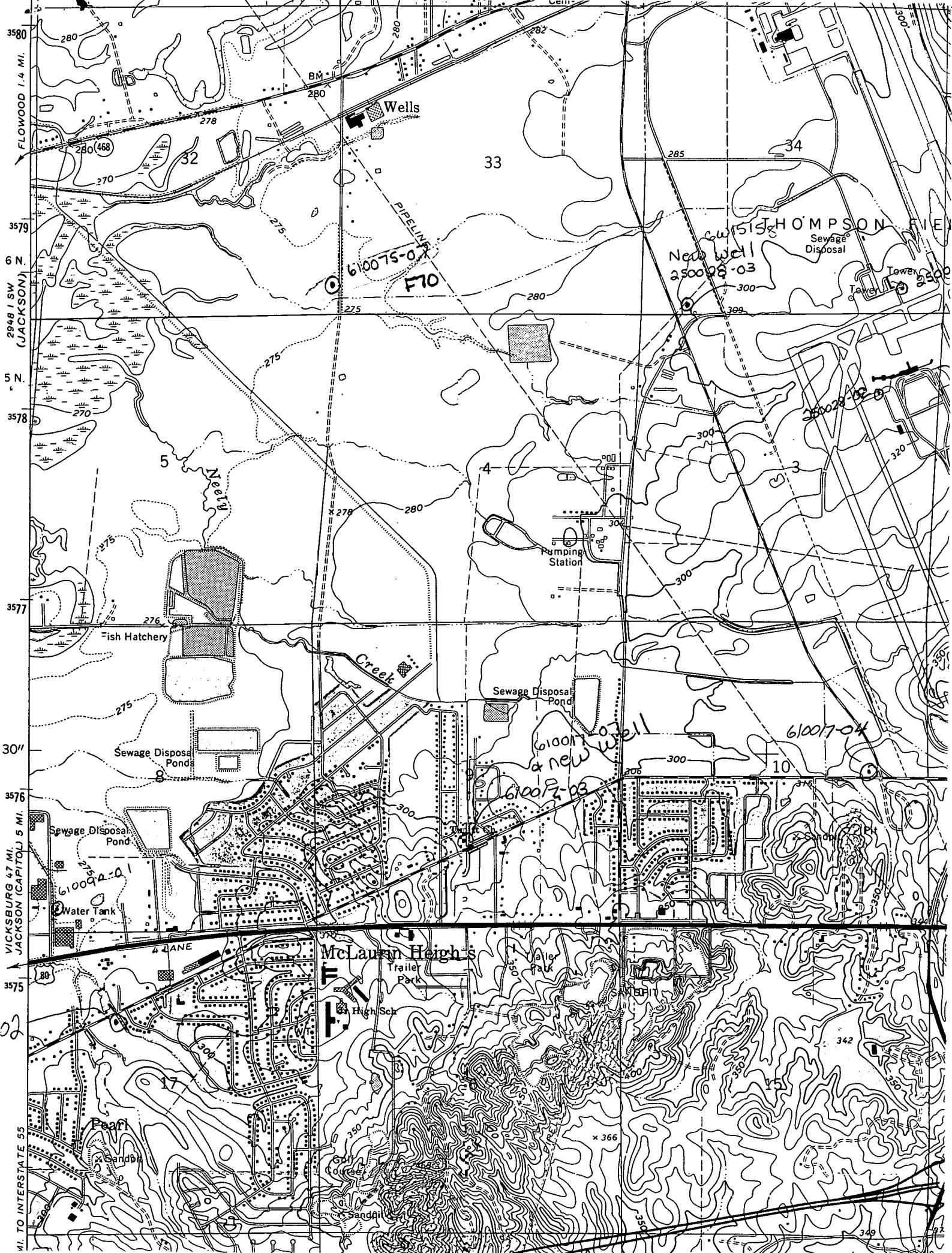
LOCATION DESCRIPTION: On Mangum Dr., 0.6 miles from
Flowood Dr

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/100 HP

GPS FIELD LOCATION: LAT. 32° 8' 49.9" N LONG. 90° 06' 27.1" W

GPS CORRECTED LOCATION: LAT. 32.31427996 LONG. 90.10826357

REMARKS: _____



3580
FLOWOOD 1.4 MI.
2948 1 SW (JACKSON)
6 N
5 N
3578
3577
30"
3576
VICKSBURG 4.7 MI. JACKSON (CAPITOL) 5 MI.
3575
02
MI. TO INTERSTATE 55

Wells

610075-07
F70

NEW CREEK HOMPSON AVE
New Well 250028-03
Sewage Disposal
Tower

Fish Hatchery

Pumping Station

Sewage Disposal Pond

Sewage Disposal Pond

610017-03 & new well
610017-04

McLaurin High School

Trailer Park

Valley Park

High Sch

Pearl

Sandhill

340