

Coded by Q 7/98 8/99
Checked by JJK 08/24/99
Entered by JJK
Date 8/99

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 716 J Well No. K198
County RANKIN Jackson SE
Agency

WELL RECORD

Agency Code U S G S Site ID 1= 321705090032301 Project No. 5=

12= K198 PEARL Station Name Longitude Latitude 9= 321705
10= 0900323 11= 8 35= G 36= NAD27 6= 28 7= 28 8= 121
S-GPS, F=+5 sec, T=+10 sec, M=+1 min, b=>1 min

13= SESESESESI2TOSNR0ZE Meridian
Location Map I=Chickasaw, O=Choctaw, H=Huntsville, S=St. Stephens, W=Washington

14= JACKSON SE Altitude 403 Accuracy Method Meas. M
16= 388. 18= 5 17= M
A=Altimeter, L=Surveying, M=TopoMap, b=Unknown

22= NGVD29 Hydrologic Unit 20= 03180002 Topo Set. Agency Use Date Inventoried
803= A I 711=

Station Type Data Type Gr. Time Loc. Time Web-R. Reliability Date of Construction
802= -Y- 804= A I 813= -06 814= Y 32= J C H U 21= 07-25-1998

Well Use Water Use Primary Aquifer Hole Depth Well Depth
23= W 24= P 714= 124 SPR 27= 1420. 28= 1400. MU

CONSTRUCTION DATA Construction Date Contractor Method Finish
R=58 T=A 723#1 60= 07-06-1999 63= 064 Name Layne 65= H 66= G

CONSTRUCTION CASING DATA Top/Casing Bottom/Casing Diameter
R=76 T=A 725#1 59#1 77= 0. 78= 1315. 79= 16.
R=76 T=A 725#2 59#1 77= 1220. 78= 1330. 79= 10.

CONSTRUCTION OPENINGS DATA Top/Depth Bottom/Depth Diameter Type Length Width
R=82 T=A 726#1 59#1 83= 1330. 84= 1400. 87= 10. 85= S 89= . 88= .016.
R=82 T=A 726#2 59#1 83= . 84= . 67= . 85= . 89= . 88= .

CONSTRUCTION LIFT DATA Lift Type Date Intake
R=42 T=A 254#1 43= T Date 38= 07-06-1999 Intake 44= 510
Power H.P. Serial No.
45= E 46= 150. 49=

MISCELLANEOUS OWN DATA Date of Ownership Owner Name
R=158 T=A 716#1 159= 07-06-1999
161= PEARL
Owners on permit #1 Snell, Carl E., + Walker, Joe G.

MISCELLANEOUS OTHER ID DATA E-Log No. Assigner
R=189 T=A 736#1 190= 716 191= M I S S D I S T

MISCELLANEOUS LOGS DATA Log Type Beg. Depth End Depth
R=198 T=A 739#1 199= D 200= 0. 201= 1420.
R=198 T=A 739#2 199= E 200= 1050. 201= 1419.

MISCELLANEOUS NETWORK DATA 706=QW,WL,WD

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

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184=	07-06-1999	185=	MSGW 15Z71
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148=	07-06-1999	Type	703=	(P) F	Discharge	150=	830.
Meth. Dis.	152=	Static Water Level	154=	Source WL	155=	Sp. Capacity	272=					

GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91=	13.4.	Depth Bottom	92=	14.00.	Unit ID	93=	124SPRT	304=P
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HYDRAULIC DATA

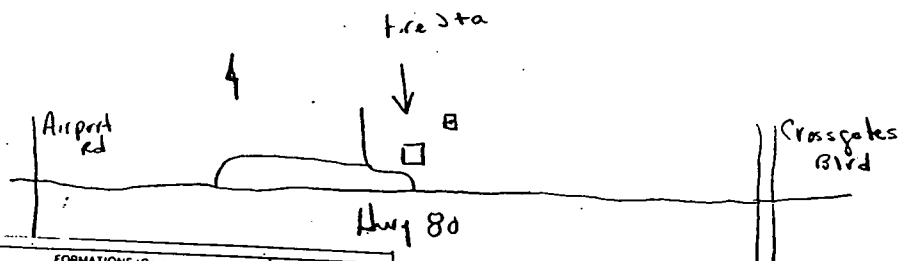
R=98	T=A	790#1	Unit Tested	100=		103=
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HISTORICAL WATER LEVEL DATA

R=234	T=A	Date	235=	07-06-1999	Water Level	237=	342.	Source	243=L	239=
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409.7' dd @ 830gpm (24hrs)

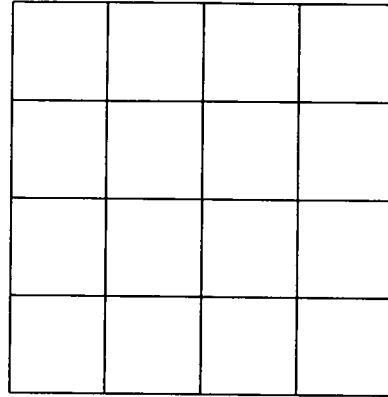
335.2 3/22/99 USGS



DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0	5	Hard Shale & Clay	947	968
Yellow Clay	5	25	Rock	968	988
Sand & Pea Gravel	25	30	Sandy Clay & Lignite	988	1070
Blue Clay & Sand Strks	30	65	Fine Sand & Shale Strk	1070	1159
Blue Clay	65	340	Sand & Shale Streaks	1159	1399
Hard Shale & Clay	340	607	Hard Shale & Clay	1399	1420
Sandy Clay & Lignite	607	947			

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.

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB + DC DATE: Dec 20, 2001

UNIT DEQ #: _____ FILE #: _____

HEALTH DEPT. #: 610017-07 ELEVATION: _____

USGS #: K 198 OLWR #: MS-GW-15271

OWNER: Pearl, City of QUAD: Jackson SE

LOCATION: SW SW S 12 T 5N R 2E COUNTY Rankin

LOCATION DESCRIPTION: .4 miles east of Hy 80 + airport intersect
Hillandale Rd. / Hy 80

CASING DIA: 16" PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 32.28482 LONG. -90.05647

GPS CORRECTED LOCATION: LAT. _____ LONG. _____

REMARKS: drilled 1999, 16"

plotted

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 11/17/99

UNIT DEQ #: _____ FILE #: B11720A

HEALTH DEPT. #: No tag 610017-07 ELEV. 405

USGS #: K198 OLWR #: 6W15271

OWNER: City of Pearl QUAD: Jackson SE

LOCATION: SW/SW S 12 T 5N R 2E COUNTY: Rankin

LOCATION DESCRIPTION: Behind Pearl Fire Station #4 on Hwy
80. Go up Hillandale Rd. beside Fire Dept

CASING DIA: _____ PUMP TYPE & SIZE: Turbine

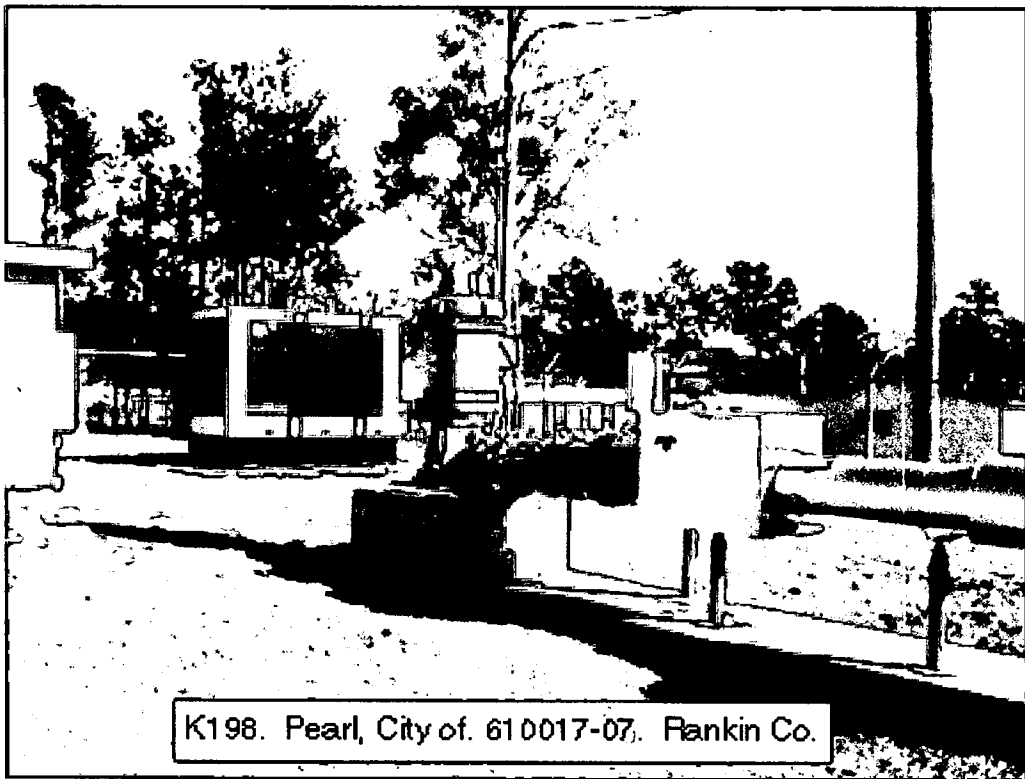
GPS FIELD LOCATION: LAT. 32° 17' 06.8" LONG. 90° 03' 23.3"

GPS CORRECTED LOCATION: LAT. 32.284835 LONG. 90.056359

REMARKS: Measured @ 15' away. Couldn't get in fence

owner on permit is
Carl E. Snell + Joe G. Walker





K198. Pearl, City of. 610017-07. Rankin Co.