

MISCELLANEOUS GW DATA

R=192	T=A	738#1	Date of Measurement	1954	Aquifer Sampled	1954	Temp	196#00010	Value	197
R=192	T=A	738#2	Date of Measurement	1954	Aquifer Sampled	1954	So Cond	196#00055	Value	197
R=192	T=A	738#3	Date of Measurement	1954	Aquifer Sampled	1954	pH	196#00400	Value	197

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Loc Type	1994E	Beg. Depth	200	45	End Depth	201	11108
R=198	T=A	739#1	Loc Type	1994D	Beg. Depth	200	0	End Depth	201	11115

MISCELLANEOUS NETWORK DATA 706 = QW WL WD *

R=114	T=A	730#1	Beg. Year	1154	End Year	1164	Agency Source	120=A	1174	Freq.	1184
R=121	T=A	730#2	Beg. Year	1154	End Year	1164	Agency Source	1174	1184	Freq.	1184

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184	09	1101	11994	Remarks	185	M5GW-14589
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148	09	1101	11992	Type	703	(P)	Discharge	150	1900	So. Capacity	272	127	13
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GEOHYDROLOGIC DATA

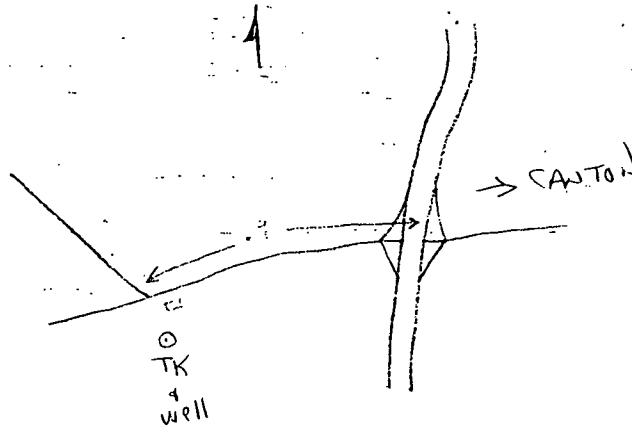
R=90	T=A	721#1	Depth Top	91	99	101	Depth Bot.	92	107	108	Unit Id	93	124	SPIRIT	304
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HYDRAULIC DATA

R=99	T=A	790#1	Unit Tested	100	103
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Well #9

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Yellow Clay	0'	30'
Blue Clay	30'	240'
SAND & Clay STRKS.	240'	506'
HARD Clay	506'	640'
SAND	640'	673'
Clay & SAND STRKS.	673'	790'
Clay	790'	845'
Sandy Clay	845'	910'
Clay	910'	990'
SAND	990'	1078'
Clay	1078'	1115'



M551

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

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

COUNTY WELL LOCATED
MADISON

WELL NUMBER **9** CODED PERMIT NUMBER **GW 14789**

NAME OF DRILLING FIRM
LAYNE-CENTRAL Co., A Div. of

DATE WELL COMPLETED
09/10/92

LAYNE, INC.

NAME & MAILING ADDRESS OF LANDOWNER
City of Canton, P.O. Box 53

CANTON, MS 39046

WELL LOCATION: SEC **28** TOWNSHIP **9** RANGE **2 E**

DISTANCE **1/2** MILES DIRECTION **WEST** NEAREST TOWN **WEST**

OTHER LANDMARK **I-55 Industrial Park Location**

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

PUMP DATA

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

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

Pump Capacity (GPM) **900** No. of Stages **5** Setting Depth **247** FT.

PUMP TEST
Well yielded **900** GPM with
a drawdown of **33** ft.
after **24** hours of pumping

WELL DATA

Well Depth 1080'	Casing Diameter (In.) 20"	Casing Length (Ft.) 1020'
Type of Casing STEEL	Hole Depth 1100'	Depth to Static Water Level 123

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

Top of Lap Pipe or Reduction in Casing
72' 8" FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

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

Name of Organization Running Log
Layne-Central Co.

SCREEN DATA

Diameter - Inches 10"	Length - Feet 50'	Slot Size - Inches #20
Screen Type S/S/Houston W.W.	Depth to Bottom - Feet 5'	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
**1015
50
1025**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Yellow Clay	0'	30'			
Blue Clay	30'	240'			
SAND & Clay STRKS.	240'	506'			
HARD Clay	506'	640'			
SAND	640'	673'			
Clay & SAND STRKS.	673'	790'			
Clay	790'	845'			
SANDY Clay	845'	910'			
Clay	910'	990'			
SAND	990'	1078'			
Clay	1078'	1115'			

MAR 15 1993

Dept. of Environmental Quality
Bureau of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

X			

SECTION 14

Please indicate well location X.

ADDITIONAL INFORMATION

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

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

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

COUNTY WELL LOCATED Madison		PERMIT NUMBER MS-GW-14789
WELL NUMBER M518	CODED	NAME OF DRILLING FIRM Layne-Centrale, A
DATE WELL COMPLETED 9-25-93		Division of Layne, Inc.

NAME & MAILING ADDRESS OF LANDOWNER City of Canton		
L 55 Industrial Park		
27 TQN R2E		
WELL LOCATION: SEC	TOWNSHIP	RANGE
27	9	2
DIRECTION: N S E W		
DISTANCE _____ MILES _____ of _____ NEAREST TOWN		
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Industrial		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, Turbine , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P 100		
Pump Capacity (GPM) 900	No. of Stages 5	Setting Depth 247 FT.
PUMP TEST		
Well yielded 904 GPM with a drawdown of 34.7 ft. after 24 hours of pumping		

WELL DATA		
Well Depth 1080'	Casing Diameter (In.) 20"	Casing Length (Ft.) 1020
Type of Casing 5/5	Hole Depth 1080	Depth to Static Water Level 123
TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed , Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing 953 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric , Gamma Ray , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log Layne-Centrale Co. - Jackson	

SCREEN DATA		
Diameter - Inches 10	Length - Feet 50	Slot Size - Inches .020
Screen Type Stainless steel		Depth to Bottom - Feet 1080

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Yellow clay	0'	30'	RECEIVED MAR 30 1994 Dept. of Environmental Quality Office of Land & Water Resources		
Blue clay	30'	240'			
Sandy clay + streaks	240'	506'			
Hard clay	506'	640'			
Sand	640'	673'			
Clay + sand	673'	790'			
Sandy clay	790'	845'			
Clay	845'	990'			
Sand	990'	1078'			
Clay	1078'	1115'			
IF MORE SPACE IS NEEDED, USE BACK					

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

GPS LOG

USER NAME(S): ST + AK DATE: 9-12-94

UNIT DEQ #: 84090 FILE #: B091217C
450006-05?

HEALTH DEPT. #: new well, no # yet ELEV. 250

USGS #: MSI OLWR #: GW14789

OWNER: Canton Mun. Util QUAD: CANTON

LOCATION: SE/NW S 27 T 9N R 2E COUNTY: MADISON

LOCATION DESCRIPTION: west of canton on Hwy 22, turn
W. on Ind. Rd. to elevated water tank

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

GPS FIELD LOCATION: LAT. 32.36.101 N LONG. 90.04.631 W

GPS CORRECTED LOCATION: LAT. 32.60145586 LONG. 90.07695862

REMARKS: This well is in Ballard.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

New West No 4

771000mE

772

773

5'

774

775

3.8 MI. TC

