

Coded By Q 2195  
 Checked By 088 09106-95  
 Entered By 029 J  
 Date 8/95

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

E-Log No. 133  
 County WASHINGTON  
 Agency

Well No. H158  
146C

WELL RECORD

Agency Code U S G S Site Id 143L3116113101910151213161011 Project No. 5

Station Name 12 H158 ARCOLA Latitude 9 33 116113 Longitude 107 09 05 23 161

Lac./Long Ac. 11 S E T M Disc 6=23 State 7=28 County 8=1511 SESE and Net 13 SESW S136 T11M N R197W 2

Location Map 14 ARCOLA Altitude 16 121 Mec/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20 0186136126191

Agency Use 803 A I Q Date Inventoried 711 Station Type 4 Data Type 804

Instru. 905 Remarks 806 Relia. 3 C M U 2 X

Date of Construction 21 01 / 18 / 1995 Well Use 23 W Water Use 24 P Primary Aquifer 714 124 SPR RT Hole Depth 27 1959

Well Depth 29 150 Water Level 30 43 Water Level Date 31 02 / 24 / 1995 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA

Construction Date 60 02 / 24 / 1995 Contractor 63 064 Name LAYNE Method 65 H Finish 66 B

CONSTRUCTION CASING DATA

Top/Casing	Bot/Casing	Diameter
<u>76 725#1 59#1 77 10</u>	<u>78 895</u>	<u>79 10</u>
<u>76 725#2 59#1 77 8410</u>	<u>78 110</u>	<u>79 10</u>

CONSTRUCTION OPENINGS DATA

Top/Depth	Bot/Depth	Diameter	Type	Length	Width
<u>82 726#1 59#1 83 11010</u>	<u>84 1150</u>	<u>87 16</u>	<u>85 S</u>	<u>89</u>	<u>88 10210</u>
<u>82 726#2 59#1 83</u>	<u>84</u>	<u>87</u>	<u>85</u>	<u>89</u>	<u>88</u>

CONSTRUCTION LIFT DATA

Power 45 E H.P. 46 Serial No. 49

Lift Type 43 Date 38 02 / 24 / 1995 Intake 44

MISCELLANEOUS OWNER DATA

Date of Ownership 159 02 / 24 / 1995 Owner Name 161 ARCOLA

MISCELLANEOUS OTHER ID DATA

E-Log No. 190 133 Assigner 191 M I S S I S S I O I S T I

Well # 2

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement	1934	Aquifer Sampled	195	Temp	196#00010	Value	197
R=192	T=A	738#2	Date of Measurement	1934	Aquifer Sampled	195	So Cond	196#00095	Value	197
R=192	T=A	738#3	Date of Measurement	1934	Aquifer Sampled	195	pH	196#00400	Value	197

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Top	199	Sea. Depth	200	End Depth	201	958
R=198	T=A	739#1	Log Top	199	Sea. Depth	200	End Depth	201	

MISCELLANEOUS NETWORK DATA *706 = QW WL WD \**

R=114	T=A	730#1	Sec. Year	115	End Year	116	Agency Source	120=A	117	Freq.	118
R=121	T=A	730#2	Sec. Year	115	End Year	116	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	Top	703	Discharge	150	So. Capacity	272
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91	Depth Bot.	92	Unit Id	93	1214SPRT	304
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100	103
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*440 gpm 32' 2" @ 12 hrs.*

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
CLAY	0	24	CLAY	461	555
SAND	24	60	SAND/CLAY STREAKS	555	626
COURSE SAND/PEA GRAVEL	60	106	CLAY	626	750
COURSE SAND/GRAVEL	106	122	SAND	750	776
CLAY	122	126	CLAY	776	825
COURSE SAND/GRAVEL	126	156	SAND	825	955
CLAY	156	253	SAND & LIGNITE	955	959
SAND/STREAKS OF CLAY	253	286			
SANDY CLAY	286	313			
SAND/CLAY STREAKS	313	425			
SAND/STREAKS OF LIGNITE	425	461			