

Coded By Q 12/4/88  
 Checked By \_\_\_\_\_  
 Entered By \_\_\_\_\_  
 Date \_\_\_\_\_

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

TRANSMITTED FOR ADR 114

E-Log No. \_\_\_\_\_  
 County WASHINGTON  
 Agency \_\_\_\_\_

Well No. M143  
1663

WELL RECORD

Agency Code <u>U S G S</u>	Site Id <u>133111110109104161181011</u>	Project No. <u>5</u>
Station Name <u>12 M143 DIARLONIE MURPHY WIAI</u>	Latitude <u>9331111101</u>	Longitude <u>10409104161181</u>
Lat/Long Ac. <u>11 S F T M</u>	Dist <u>6=28</u>	State <u>7=28</u>
County <u>8=1511</u>	NE Land Net <u>13 S E S W S 3 6 T 1 6 N R 1 6 W</u>	
Location Map <u>14=110121210121012101</u>	Altitude <u>16=110131</u>	Met/Meas <u>17= A L M</u>
	Accuracy <u>18=151</u>	Hydrologic Unit <u>20=01810131021017</u>
Agency Use <u>803= A I D</u>	Date Inventoried <u>711/11/1231/1191881</u>	Station Type <u>Y</u>
	Data Type <u>804=</u>	

Instru. <u>805=</u>	Remarks <u>806=</u>	Relia. <u>3= C L M U</u>	<u>2= W X</u>
Date of Construction <u>21=1111/1231/1191881</u>	Well Use <u>23= W</u>	Water Use <u>24= P</u>	Primary Aquifer <u>714=124 S P R T 1</u>
Hole Depth <u>27=161161</u>			
Well Depth <u>28=59101</u>	Water Level <u>30=1261</u>	Water Level Date <u>31=911/115/1191891</u>	Method <u>34=</u>
Status <u>37=</u>	Source <u>33= D</u>		

CONSTRUCTION DATA

R=58	T=A	723#1	Construction Date <u>60=011/115/1191891</u>	Contractor <u>63=01614</u>	Name <u>Layne</u>	Method <u>65=H</u>	Finish <u>66=6</u>
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CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	Top/Casing <u>77=1101</u>	Bot/Casing <u>78=153171</u>	Diameter <u>79=1121</u>
R=76	T=A	725#2	59#1	Top/Casing <u>77=118101</u>	Bot/Casing <u>78=154101</u>	Diameter <u>79=1011</u>

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	Top/Depth <u>83=154101</u>	Bot/Depth <u>84=159101</u>	Diameter <u>87=161</u>	Type <u>85=S</u>	Length <u>89=</u>	Width <u>88=1012101</u>
R=82	T=A	726#2	59#1	Top/Depth <u>83=</u>	Bot/Depth <u>84=</u>	Diameter <u>87=</u>	Type <u>85=</u>	Length <u>89=</u>	Width <u>88=</u>

CONSTRUCTION LIFT DATA

R=42	T=A	254#1	Lift Type <u>43=T</u>	Date <u>38=011/115/1191891</u>	Intake <u>44=115101</u>	
Power <u>45=E</u>	H.P. <u>46=13101</u>	Serial No. <u>49=</u>	<u>3 P A 6 0 4 10 stage</u>			

MISCELLANEOUS OWNER DATA

R=158	T=A	718#1	Date of Ownership <u>159=011/115/1191891</u>	Owner Name <u>161=DIARLONIE MURPHY WIAI</u>
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MISCELLANEOUS OTHER ID DATA

R=189	T=A	736#1	E-Log No. <u>190=11114</u>	Assigner <u>191=M I S S I D I S T</u>
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MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 193#     /     /         *	Aquifer Sampled 195#                 *	Temp 196#00010	Value 197#           *
R=192	T=A	738#2	Date of Measurement 193#     /     /         *	Aquifer Sampled 195#                 *	Sp Cond 196#00095	Value 197#           *
R=192	T=A	738#3	Date of Measurement 193#     /     /         *	Aquifer Sampled 195#                 *	pH 196#00400	Value 197#           *

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199# E   *	Beg. Depth 200#   113   5       *	End Depth 201#   16   16       *
R=198	T=A	739#1	Log Type 199#     *	Beg. Depth 200#             *	End Depth 201#             *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Beg. Year 115#   1   9       *	End Year 116#   1   9       *	Agency Source 120=A   117#           *	Freq. 118#       *
R=121	T=A	730#2	Beg. Year 115#   1   9       *	End Year 116#   1   9       *	Agency Source 117#           *	Freq. 118#       *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# 0   1   1   / 1   1   5   / 1   1   9   1   8   9   1   *	Remarks 185# 07760 *
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DISCHARGE DATA

R=146	T=A	<sup>Pump</sup> Flow	147#1	Date 148# 0   1   1   / 1   1   5   / 1   1   9   1   8   9   1   *	Type 703# P   F	Discharge 150#   13   0   1   6       *	Sp. Capacity 272#   13   1   9   1   *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91#   15   3   1   5       *	Depth Bot. 92#   16   1   1   5       *	Unit Id 93# 124SIPRTT *	304#P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#                   *	103#     *
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pH = 8.2  
 Fe = .27 — Test well  
 hard = 4 85 gpm  
 CL = 16 6 x 4 570 · 590'  
 Colw = 90

306 gpm 78' dd @ 24 hrs.

Fe = .27  
 Colw = 70  
 TDS = 320

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (CONTINUED)	FROM	TO
Clay	0	19	Sand	197	421
Sand	19	42	Clay	429	472
Coarse Sand	42	72	Clay	520	520
F. Sand & Red Gravel	72	95	Sand (APK)	12	1990
Gravel	95	142			
Clay	142	192			
Silt & Sand & Clay	192	305			
Sandy Silt	305	360			
Sand w/Clay	360	397			
F. Sand w/Clay of Clay	397	426			
Sand w/Clay of Clay	426	441			

Department of Natural Resources  
 Bureau of Land & Water Resources

\* IF MORE SPACE IS NEEDED, USE BACK