

Coded By BRR 496  
 Checked By 028 04 14 - 98  
 Entered By 020 21  
 Date 09/198

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

E-Log No. 63 Well No. C5  
 County MONTGOMERY 131A  
 Agency                     

WELL RECORD

Agency Code U S G S Site Id 1 33371 50894 30601 1 Project No. 5 | | | | | | | | | |

Station Name 12 CIGUIS DUCK HILL Latitude 9 33371 15 Longitude 10 08943 06

Lat/Long Ac. 11 S F T M Dist 6=28 State 7=28 County 8=0917 Land Net 13 SENESSIONITZONIRIOISTE

Location Map 14 DUCK HILL Altitude 16 2710 Met/Meas 17 A M Accuracy 18 15 Hydrologic Unit 20 0803012015

Agency Use 803 A I O Date Inventoried 711 | | / | | / | | | | Station Type 4 | | | | Y Data Type 804 | | | | | | | | | |

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

Date of Construction 21 04 / 03 / 1996 Well Use 23 W Water Use 24 P Primary Aquifer 714 124 WLCX14 Hole Depth 27 1660

Well Depth 28 190 Water Level 30 78 Water Level Date 31 08 / 07 / 1996 Method 34 | \* Status 37 | \* Source 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date 60 08 / 07 / 1996 Contractor 63 414 Name Parks+Parks Method 65 H Finish 66 G

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
76	A	725#1 59#1	77 10	78 440
76	A	725#2 59#1	77 400	78 450

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1 59#1	83 450	84 490	85 S	89	88 108
82	A	726#2 59#1	83	84	85	89	88

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 S Date 38 08 / 07 / 1996 Intake 44 315

Power 45 E H.P. 46 115 Serial No. 49 | | | | | | | | | |

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership 159 08 / 07 / 1996 Owner Name 161 DUCK HILL

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190 063 Assigner 191 M I S S I D I S T

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	1994 E	Geo. Depth	2004         10   .	End Depth	2014 16212   .
R=198	T=A	739#1	Log Type	1994 D	Geo. Depth	2004         10   .	End Depth	2014 16601   .

MISCELLANEOUS NETWORK DATA  $Q = \frac{106}{W} \cdot W \cdot \Delta \cdot \frac{1}{L}$

R=114	T=A	730#1	Req. Year	1154   4       .	End Year	1164   4       .	Agency Source	120=A	117#           .	Freq.	118#     .
R=121	T=A	730#2	Req. Year	1154   4       .	End Year	1164   4       .	Agency Source	117#           .	Freq.	118#     .	

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	1844                     .	Remarks	1854                     .
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148 08 / 1971 / 11 9 16 .	Type	703 (P) F	Discharge	1504         15   .	Sp. Capacity	2724           .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	914 145   .	Depth Bot.	924 145   .	Unit Id	934 124WILCOX4	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	1004                     .	1034     .
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181' dd @ 115 gpm = 24 hrs.

FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
RED SAND-CLAY	0	20	SAND CLAY	500	520
SAND-CLAY	20	200	CLAY LIMITE	520	540
CLAY	200	260	CLAY ROCK	540	560
SAND	260	280	CLAY SAND	560	580
ROCK-SAND-CLAY	280	320	CLAY SAND ROCK	580	620
CLAY	320	340	CLAY	620	640
CLAY ROCK	340	360			
CLAY LIMITE	360	420			
ROCK CLAY	420	445			
SAND	445	495			
C.L.M. SAND LIMITE	495	500			

IF MORE SPACE IS NEEDED USE BACK

Coded By BRR 6/96  
 Checked By 9/24/98  
 Entered By 9/20/98  
 Date 9/98

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

E-Log No. 63 Well No. C5  
 County MONTGOMERY 131A  
 Agency MONTGOMERY

WELL RECORD

Agency Code U|S|G|S Site Id 133371150894306011 Project No. 5| | | | | | | | | |

Station Name 12 COOIS DUCK HILL Latitude 93337115 Longitude 1008943061

Lat/Long Ac. 11 S(F) T M Dist 6=28 State 7=28 County 8=097 Land Net 13 SIENIESSION T20N1R1015E

Location Map 14 DUCK HILL Altitude 16=2170 Met/Meas 17 A (M) Accuracy 18=15 Hydrologic Unit 20=08030121015

Agency Use 803 A I (O) Date Inventoried 711 Station Type 4 Data Type 804

Instru. 905 Remarks 806 Relia. 3 (C) L M U 2 (W) X

Date of Construction 21=04/03/1996 Well Use 23=W Water Use 24=P Primary Aquifer 714=124WLCX14 Hole Depth 27=1610

Well Depth 28=1910 Water Level 30=78 Water Level Date 31=08/07/1996 Method 34= Status 37= Source 33=D

CONSTRUCTION DATA

Construction Date 60=08/07/1996 Contractor 63=414 Name Parks & Parks Method 65=H Finish 66=G

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77# 10	78# 1440	79# 10
R=76	T=A	725#2	59#1	77# 1400	78# 1150	79# 16

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83# 1450	84# 1490	87# 16	85# S	89#	88# 1008
R=82	T=A	726#2	59#1	83#	84#	87#	85#	89#	88#

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43=S Date 38=08/07/1996 Intake 44=315

Power 45=E H.P. 46=115 Serial No. 49=

MISCELLANEOUS OWNER DATA

Date of Ownership 159=08/07/1996 Owner Name 161=DUCK HILL

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190=063 Assigner 191= M I S S I S S I D I S T

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 Type 199#E	Beg. Depth 200# / / / / / / / .	End Depth 201# 162121 / .
R=198	T=A	739#1	Log Type 199#D	Beg. Depth 200# / / / / / / / .	End Depth 201# 166101 / .

MISCELLANEOUS NETWORK DATA  $Q = Q_w \cdot W_L \cdot W_D \cdot *$

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# / / / / / / / .	Remarks 185#
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 08 / 1971 / 1996 .	Type 703# (P) R	Discharge 150# / / / / / / / .	So. Capacity 272# / / / / / .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 145 / .	Depth Bot. 92# 149 / .	Unit Id 93# 12TWLCKX14	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100# / / / / / / / .	103# / .
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181' dd @ 115gpm = 24 hrs

FORMATION ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
RED SAND - CLAY	0	20	SAND CLAY	520	520
SAND - CLAY	20	200	CLAY LIGNITE	520	540
CLAY	200	260	CLAY ROCK	540	560
SAND	260	280	CLAY SAND	560	580
ROCK - SAND - CLAY	280	320	CLAY SAND ROCK	580	680
CLAY	320	340	CLAY	620	660
CLAY ROCK	340	360			
CLAY LIGNITE	360	480			
ROCK CLAY	420	445			
SAND	445	495			
CLAY SAND LIGNITE	495	500			

IF MORE SPACE IS NEEDED USE BACK