

TRANSMITTED FOR ADP

Recorded by WTO
Date 2/21/86
Agency USGS

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

WELL RECORD

Well No. Z73
E-Log No. 333
County WAYNE

316A
8/86

BUCKATUNNA W.A.

Site Id 312809088283201 R=0* T=A* 2=W* Data reliab. 3=C* C U

Dist. 6=28* State 7=28* Co. 8=153* Lat. Long./ 9=312809* 10=0882832*
Well NO. 12=Z073* Location SE 13=NE S W S 22 T 0 6 N R 0 5 W* Alt. 16=185* 17=M*

Hyd. Unit (OWDC) 20903170002* Date 21986102121* (YYYYMMDD)

Agency Use 803=0* Well Use 23=W* Water Use 24=P* Hole depth 27=830* Well depth 28=566*
WL 30=37* Date 31=1986103112* Source 33=D*
Project No. 5=

R=42* T=A* 254#1* Date 38=1986103112* Lift Type 43=TI* Intake 44=135*
Power Type 45=E* H.P. 46=30*

R=58* T=A* 723#1* Date 60=1986103112* Drlg 63=0164* Name Layer Central
Method 65=H* Finish 66=G* Remarks

R=76* T=A* 725#1* 59#1* Top csng 77# 0* Bot. csng 78=531* Diam. 79# 12*
R=76* T=A* 725#2* 59#1* Top csng 77# 476* Bot. csng 78=536* Diam. 79# 16*

R=82* T=A* 726#1* 59#1* Top 83# 536* Bottom 84=566* Type 85=S*
Diam. 87=6* Size 88=*
R=82* T=A* 726#2* 59#1* Top 83# * Bottom 84=* Type 85=*
87=* 88=*

R=90* T=A* 721#1* Top 91=525* Bot 92=555* Unit Id 93=123WSBR*
R=90* T=A* 721#2* Top 91=* Bot 92=* Unit Id 93=*

R=98* T=A* 99#1* Unit tested 100=* 103# *
R=105* T=A* 99#1* Test No. 106# * 107=* Transmissivity (gal/d)/ft
108=* Hydraul. cond. (gal/d)/ft² 110=* Storage coeff. Boundaries

ANAL. R=114* T=A* 706= | | | | * Year 115# | | | | | * 117= | | | | * 120= | | | | *

R=121* T=A* Yr Begin 122# | | | | | * Network 258# | | | | *

YIELD R=146* T=A* Flows/Pumped (circle one) 147#1* 148= 1986103112* 150= 432.1*
Q/S 272= 112.1*

OWNER R=158* T=A* 718#1* Date 159# 1986103112* Owner No. Well # 3
Owner 161# BUICKIATUNINIA WIA | | | | | *

OTHER ID R=189* T=A* 736#1* E-Log No. 190# 333* 191= M I S S I S S I D I S T *

FIELD QW: R=192* T=A* 738#1* Date 193# | | | | | / | | | | | * Temp 196#00010* 197= | | | | | *
R=192* T=A* 738#2* Date 193# | | | | | / | | | | | * Cond 196#00095* 197= | | | | | *
R=192* T=A* 738#3* Date 193# | | | | | / | | | | | * pH 196#00400* 197= | | | | | *

LOGS R=198* T=A* 739#1* Log 199# E* Top 200= 20.1* Bot 201= 828.1*
R=198* T=A* 739#2* 199# D* 200= 19.1* 201= 830.1*

Remarks: R=183# 311= | | | | | / | | | | | *

184:
36' dd @ 432 gpm

| Description of formations encountered | from | to |
|---------------------------------------|------|------|
| Sandy clay | 0' | 15' |
| clay | 15' | 20' |
| Sand | 20' | 105' |
| Sandy clay | 105' | 194' |
| Clay | 194' | 260' |
| Sandy clay | 260' | 332' |
| Hard clay | 332' | 340' |
| Sandy clay | 340' | 360' |
| Clay | 360' | 417' |
| Rock | 417' | 421' |
| Clay & lime | 421' | 460' |
| Clay | 460' | 498' |
| Lime & Sand Strata | 498' | 520' |
| Clay | 520' | 525' |
| Shale & lime | 525' | 558' |
| Clay | 558' | 590' |
| lims (hard) | 590' | 616' |
| Clay & Sand Strata | 616' | 702' |
| Rock | 702' | 704' |
| Clay | 704' | 765' |
| Soil | 765' | 777' |
| Rock | 777' | 782' |
| Lime | 782' | 814' |
| Rock | 814' | 816' |
| Clay | 816' | 820' |
| Rock | 820' | 821' |
| Clay | 821' | 830' |