

Recorded by JG
Date 1-2-85
Agency USGS

TRANSMITTED FOR ADP
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

5/86

Well No. 046
E-Log No. 53
County Newton
South Newton W#

WELL RECORD

GW 12636

0510007-02 0510010-02

Site Id 32160110890827011 R=0* T=A* 2=W* Data reliab. 3=C* Newton Quad

Dist. 6=28* State 7=28* Co. 8=11011* Lat. Long. 9=3216011* 10=08908271* 44A

Well NO. 12=0014611* Location NE 13=W1WNW S 23 T 05 N R 11 E* Alt. 16=4401* 440

Hyd. Unit (OWDC) 20=03117000111* Date 21=1985112110* (YYYYMMDD) WA

Agency Use 803=01* Well Use 23=W* Water Use 24=P* Hole depth 27=450* Well depth 28=4102*

WL 30=129* Date 31=1986105101* Source 33=D* **SPRT**

Project No. 5=

R=42* T=A* 254#1* Date 38=1986105101* Lift Type 43#11* Intake 44=

Power Type 45=E* H.P. 46=115*

R=58* T=A* 723#1* Date 60=1986105101* Drig 63=184* Name Griner

Method 65=H* Finish 66=G* Remarks

R=76* T=A* 725#1* 59#1* Top csng 77# 0* Bot. csng 78=342* Diam. 79# 10*

R=76* T=A* 725#2* 59#1* Top csng 77# 302* Bot. csng 78=352* Diam. 79# 6*

R=82* T=A* 726#1* 59#1* Top 83# 352* Bottom 84=402* Type 85=S*

Diam. 87=6* Size 88=0116*

R=82* T=A* 726#2* 59#1* Top 83# * Bottom 84=* Type 85=T*

87=* 88=*

R=90* T=A* 721#1* Top 91=* Bot 92=* Unit Id 93=2ASPIRT*

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

510007 taken over by 510010

50-20120

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= | 9 | 8 | 6 | 1 | 0 | 5 | 1 | 0 | 1 | | * 150= | | 2 | 0 | 0 | | | *
Q/S 272= | | | | | | | | *

OWNER R=158* T=A* 718#1* Date 159# | 9 | 8 | 6 | 1 | 0 | 5 | 1 | 0 | 1 | | * Owner No. (Calhoun Well #2)
Owner 161# | S | O | U | T | H | N | E | W | T | O | N | | | | | | | | *

OTHER ID R=189* T=A* 736#1* E-Log No. 190# | 0 | 5 | 3 | | | * 191= | M | 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= | | 2 | 0 | | | * Bot 201= | 4 | 4 | 8 | | | *

R=198* T=A* 739#2* 199# | D | * 200= | | 0 | | | * 201= | 4 | 5 | 0 | | | *

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

184:
pH = 6.3
Co₂ = 116
Fe = .77
hard = 100

description of formations encountered	from	to
TOP SOIL	0	3
CLAY & ROCKS	3	78
SAND	78	93
CLAY & ROCKS	93	295
SAND & CLAY STRAINS	295	330
SAND	330	410
CLAY	410	450