

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#

**GW 12636**      **0510007-02 0510010-02**

WELL RECORD

GEN SITE DATA

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=00461\* Location NE 13=W W N W S 2 3 T O 5 N R 1 1 E\* Alt. 16=440\*  
Hyd. Unit(OWDC) 20=0311700011\* Date 21=1985112110\* (YYYYMMDD) WA  
Agency Use 803=0\* Well Use 23=W\* Water Use 24=P\* Hole depth 27=450\* Well depth 28=1402\*  
WL 30=129\* Date 31=1986105101\* Source 33=D\* SPRT  
Project No. 5=

LIFT

R=42\* T=A\* 254#1\* Date 38=1986105101\* Lift Type 43#11\* Intake 44=   \*  
Power Type 45=E\* H.P. 46=115\*

CONSTR

R=58\* T=A\* 723#1\* Date 60=1986105101\* Drlg 63=184\* Name Griner  
Method 65=H\* Finish 66=G\* Remarks

CASING

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\*

OPENINGS

R=82\* T=A\* 726#1\* 59#1\* Top 83#     352.\* Bottom 84=1402\* Type 85=S\*  
Diam. 87=6\* Size 88=016\*  
R=82\* T=A\* 726#2\* 59#1\* Top 83#    .\* Bottom 84=   \* Type 85=T\*  
87=   \* 88=   \*

AQUIFERS

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=   \*

HYDRAULICS

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)/ft<sup>2</sup>     110=   \* Storage coeff. Boundaries    

510007 taken over by 510010

50-0012

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= | 1 | 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# | 1 | 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  
 Co<sub>2</sub> = 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 STREAMS	295	330
SAND	330	410
CLAY	410	450

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES  
Bureau of Land and Water Resources

Southport Mall  
P.O. Box 10631

Jackson, Mississippi 39209  
WATER WELL DRILLERS LOG

CODED

NEWTON  
046  
MAX

5/1/86

WATER WELL DRILLERS LOG

1986 GRINER DRILLING SERVICE NEWTON  
date well completed firm name county well located

LANDOWNER: SOUTH NEWTON

description of formations encountered

from to

RURAL WATER ASSOC.,  
RAHOUN WELL NO. 2  
(mailing address)

TOP SOIL	0	3
CLAY + ROCKS	3	78
SAND	78	93
CLAY + ROCKS	93	995
SAND + CLAY STRAINS	995	330
SAND	330	410
CLAY	410	450

WELL LOCATION: NE 1/4 NW 1/4  
sec. 23 T. 5 S. R. 11 E.

miles of (distance) (direction) of (nearest town)

WELL PURPOSE: RURAL WATER  
(home, irrigation, municipal, industrial)

CODED

WELL COMPLETION DATA:

- (1) diameter (inches) 10 3/4
- (2) total depth (feet) 402
- (3) static water level (feet) 129 below top of ground
- (4) casing STEEL 342 (material) (depth)  
10 3/4 (size) If telescope see back.
- (5) screen 50 352 (length) (depth to top)  
6 304 S.S. (.016") (size) (material)
- (6) pump 15 200 (HP) (yield gpm)  
ELECT. (type power)
- (7) electric log Yes (yes or no)  
MGS (organization running log)
- (8) how well bottom plugged 2 1/2" string + back wash valve

DRILLERS REMARKS:

Department of Natural Resources  
Bureau of Land & Water Resources





Department of Environmental Quality  
Office of Land and Water Resources

Ground Water Permit  
General Report

Permit Number: MS-GW-12636

County: NEWTON

Owner: SOUTH NEWTON RURAL WATER ASSOCIATION, INC.

Aquifer: SPRT

USGS No: 00046

BOH No: 0510007-02

Location: NW 1/4 of the NW 1/4 of SEC 23 TWN 05N RNG 11E Lat: 321601 Long: 890852

Quad: NEWTON

District: N/A

Date Issued: 12-JUN-90

Date Renewed: 11-JUL-00

Date Expired: 11-JUL-10

Applicant: SOUTH NEWTON RURAL WATER  
ASSOCIATION, INC.

Owner: SOUTH NEWTON RURAL WATER  
ASSOCIATION, INC.

Address 1: P. O. BOX 82

Address 1: P. O. BOX 82

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: NEWTON

City: NEWTON

State: MS Zip: 39345

State: MS Zip: 39345

Driller: GRINER DRILLING SERVICE

Maximum Rate: 200

Amount Withdrawn Acre feet: 100.8287

Amount Withdrawn Mgd: .09

Use

RURAL WATER  
ASSOCIATION

Casing

Type: STEEL

Diameter: 10

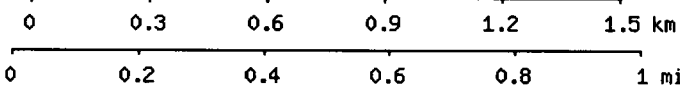
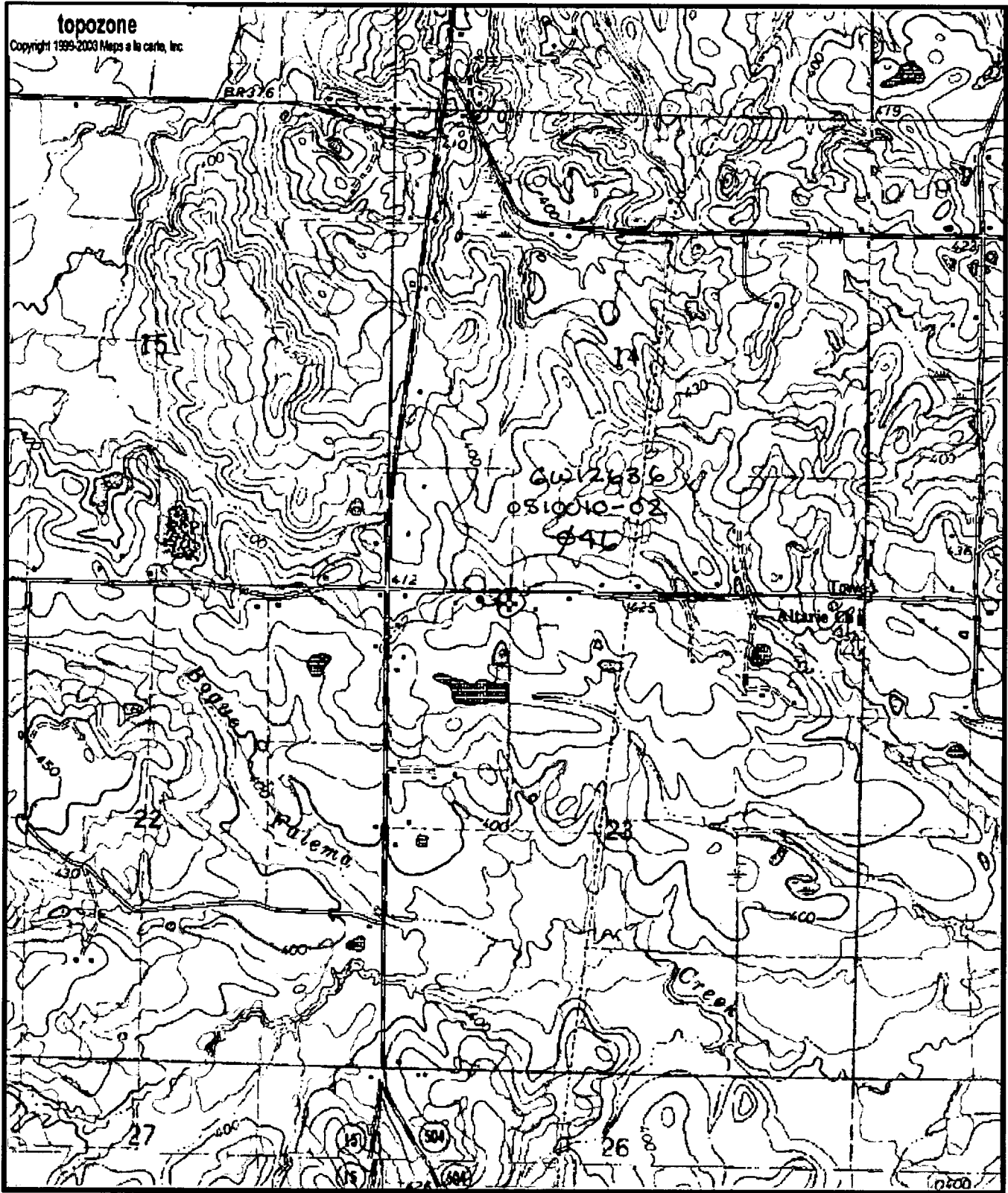
Length: 342

Screen

Type: STEEL

Diameter: 6

Length: 50



Map center is 32° 16' 02"N, 89° 08' 50"W (WGS84/NAD83)

**Newton quadrangle**

Projection is UTM Zone 16 NAD83 Datum



M=-0.273  
G=-1.147

Printer Back To TerraServer Change to 11x17 Print Size Show Grid Lines Change to Landscape

USGS 6 km. S of Newton, Mississippi, United States 10 Mar 1996



0 200m 0 200yd

Image courtesy of the U.S. Geological Survey

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