**Well Record**

**GW 12636**

**Site Id:** 321160101089082701

**Well No.:** 0416

**E-Log No.:** 53

**County:** Newton

**Well Location:** Newton Quq

**Date:** 21/1985/11/24/10

**Agency:** USGS

**Hyd. Unit (GWD):** 2031710001

**Well Use:** 23

**Water Use:** 24

**Hole Depth:** 45

**Well Depth:** 41

**Wl:** 129

**Source:** SPRT

**Project No.:** 5

**Lift Type:** 43

**Intake:** 44

**Power Type:** E

**H.P.:** 15

**Date:** 38/1986/10/5/01

**Drill:** 63/184

**Name:** Griner

**Top casing:** 77

**Bot. casing:** 81

**Diam.:** 10

**Top casing:** 77

**Bot. casing:** 81

**Diam.:** 9

**Top casing:** 81

**Bot. casing:** 81

**Diam.:** 10

**Top Id.:** 93

**Unit:** 12AS

**Hydraulic cond. (gal/d)/ft:** 110

**Storage coeff. Boundaries:**

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51007 taken over by 510010
R=114*  T=A*  706#*  *  Year 115#*  *  117#*  *  120#*  *

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

R=146*  T=A*  Flow/Pumped (circle one) 147#*  148=1984/05/10*  150=20101*

Q/S 272=  *  *

R=158*  T=A*  718#*  Date 159=1984/05/10*

Owner No. (Calhoun well*2)

Owner 161*  South Newton  *

R=189*  T=A*  736#*  E-Log No. 19040581*  191=19415 5 0 15  *

R=192*  T=A*  738#*  Date 193=19315 5 0 15  *

Temp 196=00010*  197=*  *

Cond 196=00095*  197=*  *

pH 196=00400*  197=*  *

R=198*  T=A*  739#*  Log 199=E1*  Top 200=210*

Bot 201=4418*  *

R=198*  T=A*  739#*  Log 199=D1*  200=101*  201=4501 *

Remarks: R=183*  311=*  *

184:

pH=6.3
Ca2+=116
Fe2+=177
Ward=100

description of formations encountered    | from | to |
----------------------------------------- |-----|----|
Top soil                                 | 0   | 3  |
Clay & Rocks                             | 3   | 78 |
Sand                                     | 78  | 93 |
Clay & Rocks                             | 93  | 95 |
SAND & CLAY STONES                       | 95  | 330|
SAND                                     | 330 | 420|
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**

Date well completed: 5/1/86

**NAME:** Driver Drilling Service Newton

**LANDOWNER:** South Newton

**WELL LOCATION:** NE 1/4 NW 1/4

**SEC.:** 31 S 5 R W

**MILES (DISTANCE):**

**DIRECTION (NEAREST TOWN):**

**WELL PURPOSE:** Rural Water

**WELL COMPLETION DATA:**

1. **Diameter (inches):** 10 3/4

2. **Total depth (feet):** 40 2

3. **Static water level (feet above top of ground):**

4. **Casing (material):** Steel 3 1/2

5. **Screen (size):** 60 3 5/8

6. **Pump (HP):** 1 5/8

7. **Electric log (yes or no):** Yes

8. **How well bottom plugged:** Yes

**DRILLERS REMARKS:**

**DESCRIPTION OF FORMATIONS ENCOUNTERED:**

- **Top Soil:** 0 3
- **Clay and Rocks:** 3 78
- **Sand:** 78 93
- **Clay and Rocks:** 93 295
- **Sand and Clay Shales:** 295 330
- **Sand:** 330 410
- **Clay:** 410 450

[Handwritten notes and signatures]
If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LAK / DKB
DATE: 7/18/94

UNIT DEQ #: 82857
FILE #: AD71815B

HEALTH DEPT. #: S10010-02
ELEV. 415

USGS #: Ø46
OLWR #: CW12636

OWNER: South Newton Rural W.A. #1

LOCATION: S23 T5N R11E
COUNTY: Newton

LOCATION DESCRIPTION: 1.05 mi. East of well #1, 1.2 mi. East of Hwy 80.

CASING DIA: 10''
PUMP TYPE & SIZE: Turbine/20

GPS FIELD LOCATION: LAT. 32-16-039 N
LONG. 89-08-835 W

GPS CORRECTED LOCATION: LAT. 32.267306
LONG. 89.147112

REMARKS: See well #1 for location

________________________________________________________________________

Newton Read

32 16 02
89 08 50
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.
Address 1: P. O. BOX 82
Address 2: N/A
Address 3: N/A
City: NEWTON
State: MS Zip: 39345

Driller: GRINER DRILLING SERVICE

Owner: SOUTH NEWTON RURAL WATER ASSOCIATION, INC.
Address 1: P. O. BOX 82
Address 2: N/A
Address 3: N/A
City: NEWTON
State: MS Zip: 39345

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