

No Drillers' log

REPLACEMENT

K12

WRD Exp. (CW)
April 1966

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

GW01462 0510009-01

MASTER CARD

Record by: Hillard Thomas Source of data: Water Supt Date: 1-31-67 Map: Newton 233C
 (Hitt, Lang, Boswell 2.18.57) County: Newton State: MISSISSIPPI (or town): Newton Sequential number: 51
 Latitude: 32° 19' 03" N Longitude: 089° 10' 00" W
 Lat-long accuracy: 2' T. 6 S. R. 11 W. Sec. 34 NW 1/4, SE 1/4, NW 1/4
 Local well number: K012dB3406N11E Other well number: _____
 Local use: 0104 Owner or name: City of Newton
 Owner or name: NEWTON Address: Newton Miss
 Ownership: County, Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist AB M
 Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, (P) Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other SPRT
 Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, (W) Withdraw, (X) Waste, Destroyed
 DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.
 Hyd. lab. data: _____
 Qual. water data; type: MSBOM Complete 12-2-60
 Freq. sampling: Pumpage inventory: no, period: _____
 Aperture cards: _____
 Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 310 ft Meas. rept 310 accuracy 6
 Depth cased: (first perf.) 250 ft Casing type: steel; Diam. 8x6 in
 Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, (S) screen, ad. pt., shored, open hole, other 5
 Method: (A) air bored, (C) cable, dug, (H) jetted, (P) air reverse, (T) trenching, driven, drive wash, other H
 Date Drilled: 1938 Pump intake setting: _____ ft
 Driller: Layne Central Co. address Jackson Miss
 Lift (type): (A) air, bucket, cent, jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other 7 Deep 7 Shallow 40
 Power (type): diesel, (elec) nat gas, gasoline, hand, gas, wind, H.P. 20 Trans. or meter no. 17
 Descrip. MP Breather hole in pump base @ 427' level ft above 427 below LSD, Alt. MP _____
 Alt. LSD: 400 Accuracy: 6
 Water Level 108.15 ft above MP; Ft below LSD 108 Accuracy: Meas
 Date meas: 11-18-66 Yield: 432 gpm 432 Method determined _____
 Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs
 QUALITY OF WATER DATA: Iron .5 ppm Sulfate 6.4 ppm Chloride 6.0 ppm Hard. 81 ppm
 Sp. Conduct K x 10 6 Temp. 65 °F Date sampled _____
 Taste, color, etc. _____

101/89
WL=110.08

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

125' STD
104.4'
WL-104.14'
MP = .3' above LSD
held 126
wet 21.50
WL 104.44
11/2/89
428
104
324

Well No. 12

Well-No. K12

Latitude-longitude 32 19.03^N 089.10.00
d m. s d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: _____

22 D Drainage Basin: _____ 23 13P Subbasin: _____ 26

Topo of well site: (D) depression, stream channel, (C) dunes, flat, (E) hilltop, sink, swamp, (F) offshore, pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat
27 S

MAJOR AQUIFER: Tertiary system Eocene series TE aquifer, formation, group SS

Lithology: Sand US Origin: 2 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 38 60 Depth to top of: _____ ft 41 _____ 43

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____ Aquifer Thickness: _____ ft

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft 54 _____ Depth to top of: _____ ft 57 _____ 59

Intervals Screened: 8 slot

Depth to consolidated rock: _____ ft 60 _____ 63 Source of data: _____ 64

Depth to basement: _____ ft 65 _____ 68 Source of data: _____ 69

Surficial material: _____ Infiltration characteristics: _____ 72

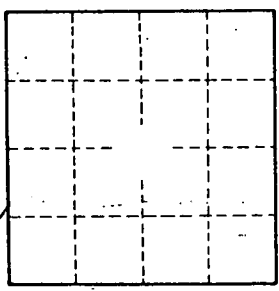
Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____ 76 _____ 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79

There is no record in the Layne - Central office in Jackson on this well. However Mrs. Lillian Planch secretary Layne Central Co; Remembers Layne Central drilling this well in 1938. She says this was one of the first set of Specs she worked on for Layne.

Pump off 30 min when water level measurement made. This means only spec as an excellent cut could not be determined.
109 TD
85 wt
108.15 wt

60ft of stramio



Well No.

K12

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-01462

County: NEWTON

Owner: NEWTON, CITY OF

Aquifer: SPRT

USGS No: K0012

BOH No: 0510009-04

Location: SE 1/4 of the NW 1/4 of SEC 34 TWN 06N RNG 11E Lat: 32191⁷ Long: 89094⁵⁰

Quad: NEWTON

District: N/A

Date Issued: 11-FEB-86

Date Renewed: 12-MAR-96

Date Expired: 11-FEB-06

Applicant: NEWTON, CITY OF

Owner: NEWTON, CITY OF

Address 1: P. O. BOX 300

Address 1: P. O. BOX 300

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: LAYNE CENTRAL CO.

Maximum Rate: 250

Amount Withdrawn Acre feet: 0

Amount Withdrawn Mgd: 0

Use

STANDBY
MUNICIPAL

Casing

Type:
Diameter: 8
Length:

Screen

Type:
Diameter: 0
Length: 60

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Stewart / Everett DATE: 4/22/98

UNIT DEQ #: _____ FILE #: A042219A

HEALTH DEPT. #: 510009-01 ELEV. 422

USGS #: K12 OLWR #: GW1462

OWNER: City of Newton

LOCATION: NW SE NW S34 T6N R11E COUNTY: Newton

LOCATION DESCRIPTION: Behind Police Station at
Treatment Plant

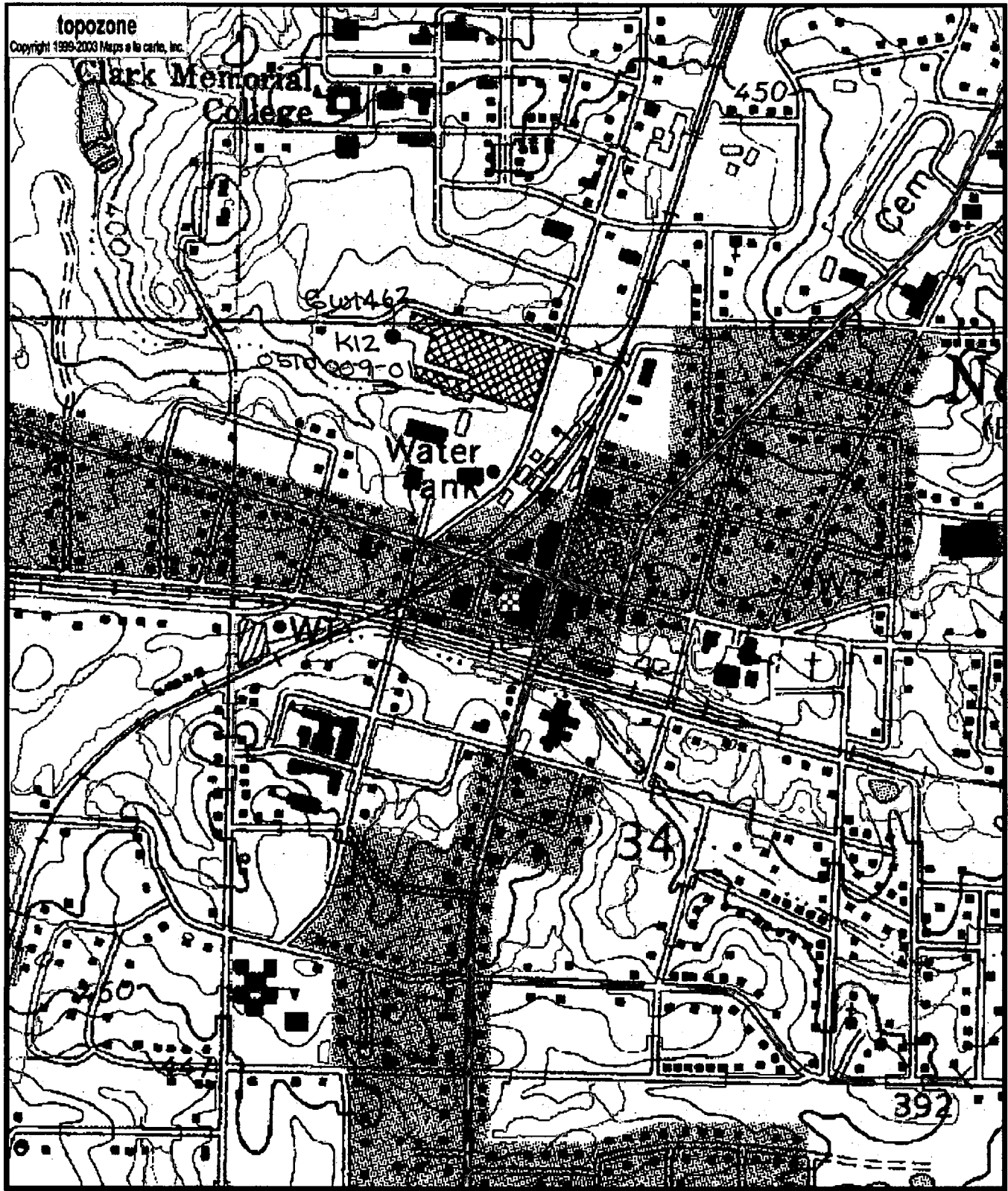
CASING DIA: _____ PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 32°19.293 LONG. 89°09.836'

GPS CORRECTED LOCATION: LAT. 32.321435 LONG. 89.163845

REMARKS: Back-up pump
Newton Quad

32 19 17
89 09 50



0 0.1 0.2 0.3 0.4 0.5 km
 0 0.1 0.2 0.3 0.4 0.5 mi
 Map center is 32° 19' 17"N, 89° 09' 50"W (WGS84/NAD83)
 Newton quadrangle
 Projection is UTM Zone 16 NAD83 Datum

M=-0.268
 G=-1.158

Send To Printer

Back To TerraServer

Change to 11x17 Print Size

Show Grid Lines

Change to Landscape

USGS Newton, Mississippi, United States 10 Mar 1996



0 100M

0 100yd

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