

GW 00782

FORM 9-1642 (1-68)

Well No. Φ 32

Elog # 26

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

510010-01

PURCHASED APR 1975
FEDERAL BUREAU OF INVESTIGATION
SERIALIZED

12/19/80
13.5
16.95
178.25
12/19/80
12.5
6.0
12.9
11.5 MP
12.7
4.45
12.9
31.7

MASTER CARD

Record by WTR Source of data BOWC MSGS Date 1970 Map NEWTON 233C

State 1 28 County (or town) Newton 2 AB 511

Latitude: 32 16 08 N Longitude: 0 8 9 0 8 5 W Sequential number: 1

Lat-long accuracy: 2 5 11 degrees 23 min 11 sec NW NW NW NW NW NW

Local well number: 0 0 3 2 3 B 2 3 0 5 N 1 1 E Other number: _____

Local use: 0 6 4 0 2 6 Owner or name: South Newton well

Owner or name: SOUTH NEWTON Address: Gen.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist WA N

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, WA SPT

Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: no. period:

Aperture cards: yes

Log data: Elog 10' - 434' D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 420' ft 4 1 3 Meas. rept accuracy 3

Depth cased; (first type): 3 7 3 ft Casing type: steel; Diam. 10x6 in 1 0

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) other, (K) other

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air percusson, (G) rotary, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other

Date Drilled: 11-4-70 970 Pump intake setting: _____ ft _____

Driller: Jayne Central

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 20 Trans. or meter no. _____

Descrip. MP 4.4 ft above LSD, Alt. MP _____

Alt. LSD: 420 Accuracy: topo 4

Water Level: 125 ft below MP; 125 ft below LSD Accuracy: _____ D

Date meas: N 7 0 Yield: 200 gpm Method determined 1

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

11/01/89

134.80

Well No. Φ 32

Well No. 032

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: 03 Section: _____

Drainage Basin: D Subbasin: 13P

Topo of well site: (D) depression, stream channel; dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series TE aquifer, formation, group 55

Lithology: US Origin: Z Aquifer Thickness: 125 ft

Length of well open to: 125 ft Depth to top of: 40 ft 3:00 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 373-413 ft 6" S.S.

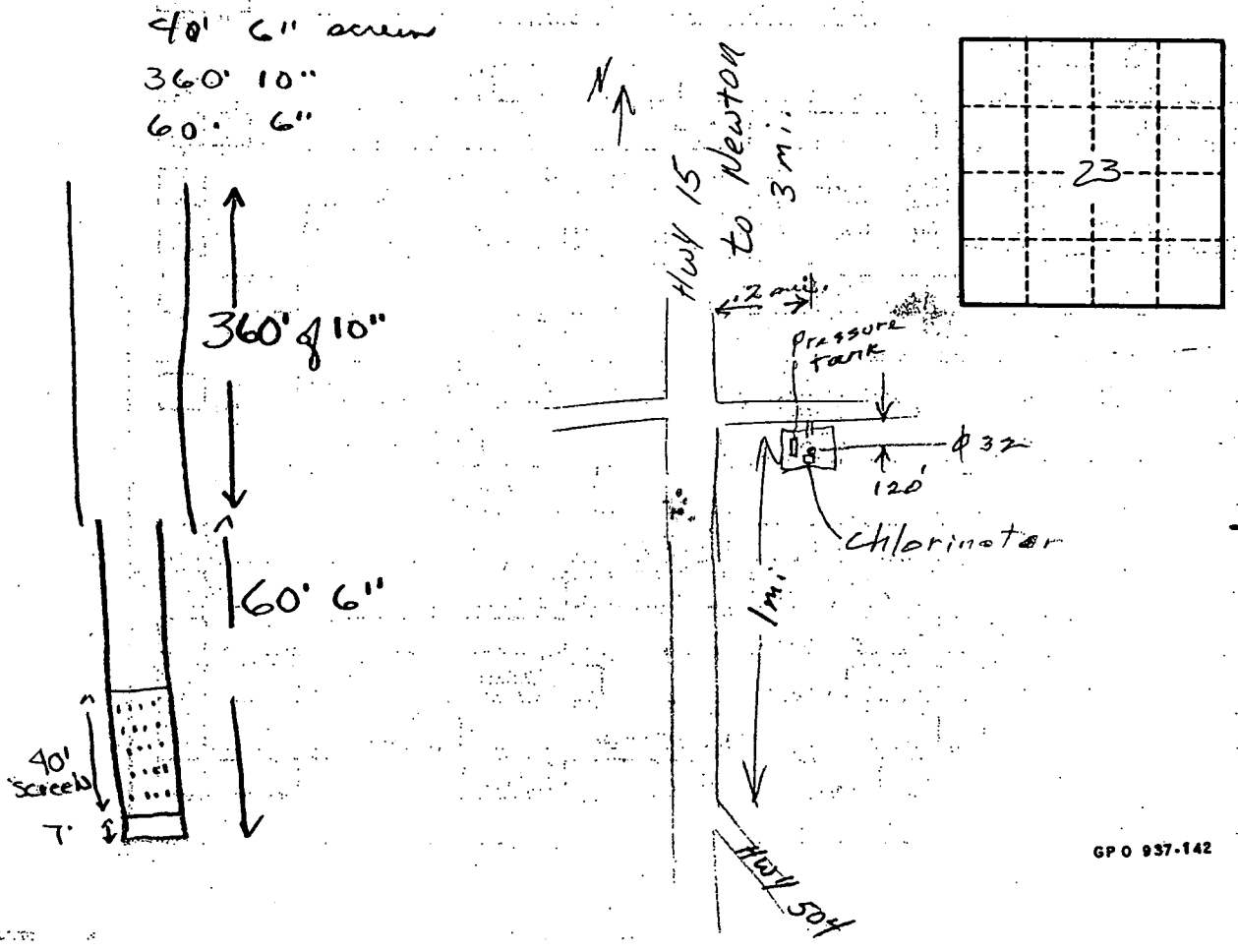
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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



NEWTON
Q32
11-4-70

E LOG #26
MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201
CODED

WATER WELL DRILLERS LOG
11-4 1970 *Singer Lumber Central Div.* *Newton*
date well completed firm name county well located

| LANDOWNER: | description of formations encountered | from | to |
|--|---------------------------------------|------------|------------|
| <i>South Newton Water Assoc.</i> | | | |
| <i>Newton, Miss.</i> | <i>Blue Clay</i> | <i>40</i> | <i>106</i> |
| (mailing address) | <i>Spaly, Struck D Clay</i> | <i>106</i> | <i>123</i> |
| WELL LOCATION: | <i>Blue Limestone Clay</i> | <i>123</i> | <i>208</i> |
| sec. <i>23</i> T. <i>5</i> N R. <i>11</i> E | <i>Hard Shale, Struck D Clay</i> | <i>208</i> | <i>240</i> |
| <i>4</i> miles <i>South</i> of <i>Newton</i> | <i>Spaly Shale</i> | <i>240</i> | <i>317</i> |
| (distance) (direction) (nearest town) | <i>Hard Struck D Shale</i> | <i>317</i> | <i>355</i> |
| WELL PURPOSE: <i>Domestic</i> | <i>Sand</i> | <i>355</i> | <i>413</i> |
| (home, irrigation, municipal, industrial) | <i>Spaly Shale</i> | <i>413</i> | <i>431</i> |
| WELL COMPLETION DATA: | | | |
| (1) diameter (inches) <i>10"</i> | | | |
| (2) total depth (feet) <i>413'</i> | | | |
| (3) static water level (feet) <i>125'</i> below top of ground. | | | |
| (4) casing <i>Steel</i> <i>360'</i> | | | |
| (material) (depth) | | | |
| <i>10"</i> if telescope see back. | | | |
| (size) <i>59' 8 6"</i> | | | |
| (5) screen <i>40'</i> <i>367'</i> | | | |
| (length) (depth to top) | | | |
| <i>6"</i> <i>Stainless Steel</i> | | | |
| (size) (material) | | | |
| (6) pump <i>20</i> <i>200 G.P.M.</i> | | | |
| (HP) (yield gpm) | | | |
| <i>Electric</i> | | | |
| (type power) | | | |
| (7) electric log <i>Yes</i> | | | |
| (yes or no) | | | |
| <i>Miss. Geol. Survey</i> | | | |
| (organization running log) | | | |
| (8) how well bottom plugged <i>Valve</i> | | | |
| DRILLERS REMARKS: | | | |

CODED

FEB 24 1971

MISS. BD. OF
WATER COMM.

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-00782

County: NEWTON

Owner: SOUTH NEWTON RURAL WATER ASSOCIATION, INC.

Aquifer: SPRT

USGS No: 00032

BOH No: 0510010-01

Location: NW 1/4 of the NW 1/4 of SEC 23 TWN 05N RNG 11E Lat: 321600 Long: 890859
02 56

Quad: NEWTON

District: N/A

Date Issued: 26-NOV-85

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: LAYNE CENTRAL COMPANY

Maximum Rate: 250

Amount Withdrawn Acre feet: 123.2351

Amount Withdrawn Mgd: .11

Use

RURAL WATER
ASSOCIATION

Casing

Type: STEEL

Diameter: 10

Length: 360

Screen

Type: STAINLESS STEEL

Diameter: 6

Length: 40

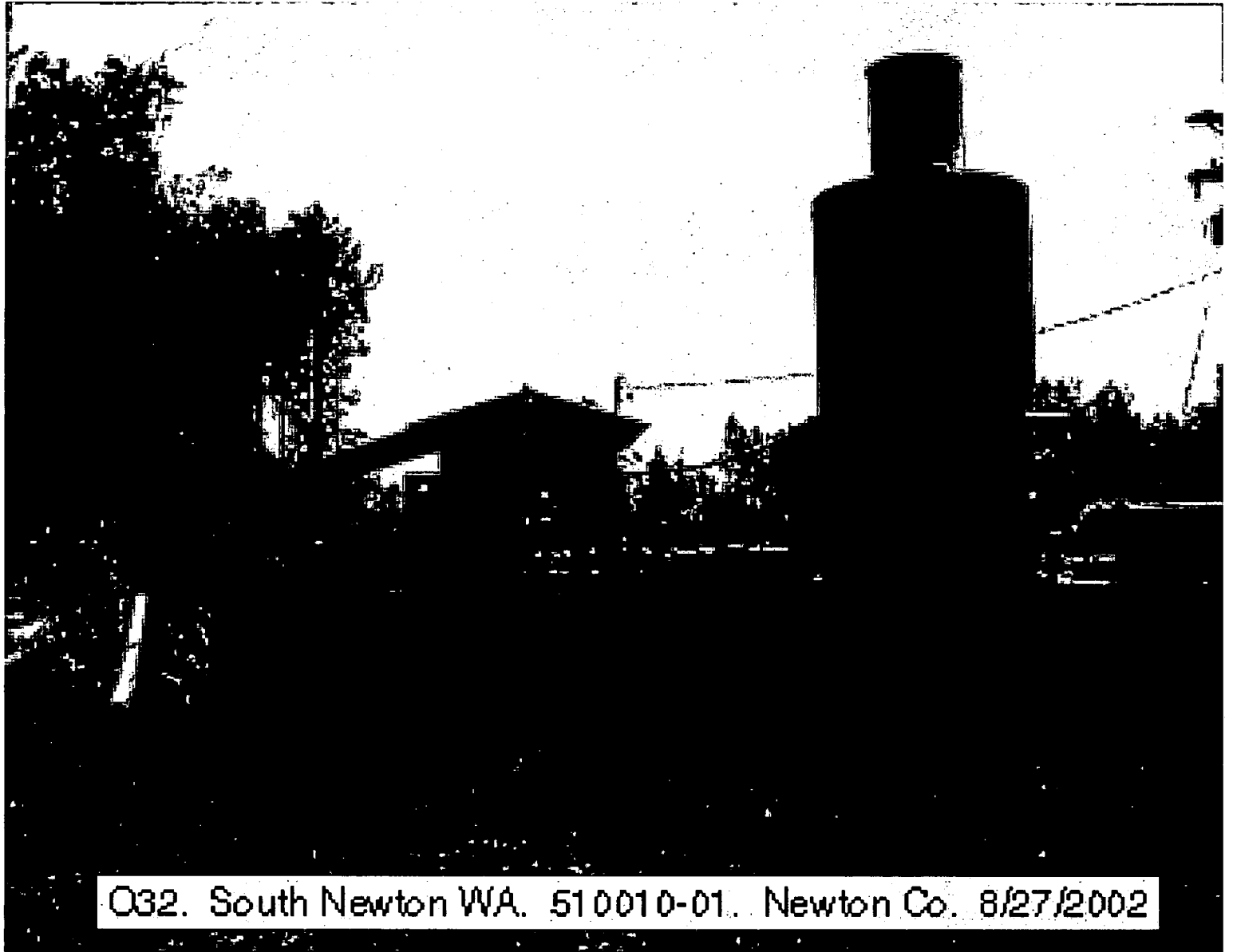
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

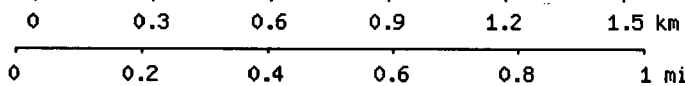
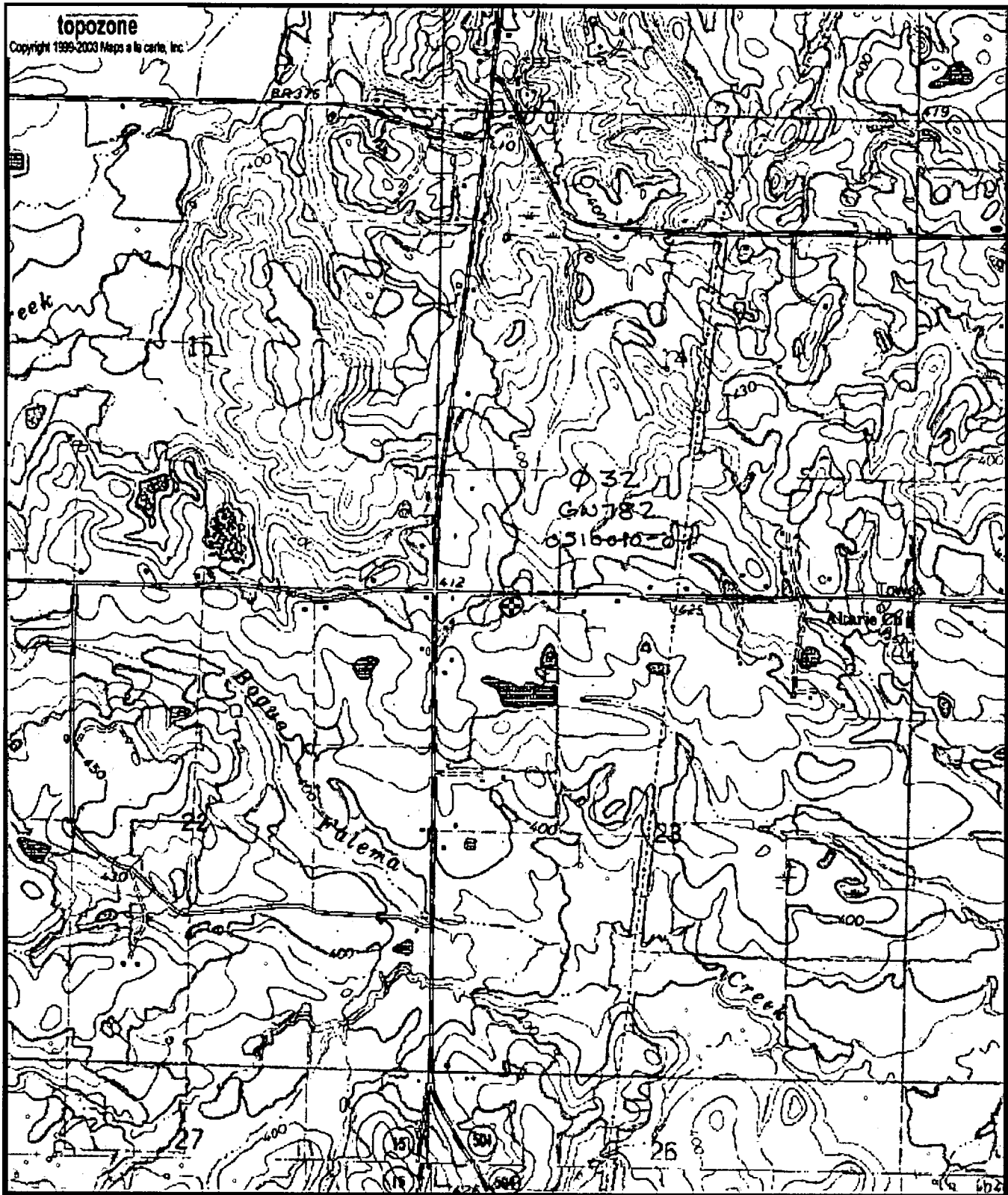
GPS LOG

USER NAME(S): Stewart / Everett DATE: 4/22/98
UNIT DEQ #: _____ FILE #: A042219C
HEALTH DEPT. #: 510010 -01 ELEV. 427
USGS #: 0-32 OLWR #: GW 00782
OWNER: South Newton Rural W. A. #1
LOCATION: NW NW NW S 23 T 5N R 11E COUNTY: Newton
LOCATION DESCRIPTION: .15 mi. East of Hwy 15 on
Newton Calhoun Rd.
CASING DIA: _____ PUMP TYPE & SIZE: _____
GPS FIELD LOCATION: LAT. _____ LONG. _____
GPS CORRECTED LOCATION: LAT. 32° 26' 28.2" N LONG. 89° 08' 56" W
REMARKS: 4.5 mi. S. of Hwy 86 & Hwy 15
Newton Quad

32 16 02
89 08 56



O32. South Newton WA. 510010-01. Newton Co. 8/27/2002



Map center is 32° 16' 02"N, 89° 08' 56"W (WGS84/NAD83)
Newton quadrangle
Projection is UTM Zone 16 NAD83 Datum

M=-0.272
G=-1.148

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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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