

*12-Coded
12/79*

PHOTOLOG

MASTER CARD

Record by WTO Source of data MGS Date 11/68 Map _____

State 28 County (or town) NEWTON 51

Latitude: 32 31 23 N Longitude: 08 90 25 S Sequential number: 1

Lat-long accuracy: 2 T. 8 S. R. 12 W. Sec 23, SE 1, SE 1, NW 1

Local well number: 2015082308N12E Other number: _____ B & M

Local use: 064021 469 Owner or name: Beulah-Hubbard Wtr. Assoc.

Owner or name: BEULAH-HUBBARD Address: Little Rock test hole #1

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other _____ P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed _____ W

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

Hyd. lab. data: _____

Qual. water data; type: USGS MSBON 2170 _____ C

Freq. sampling: _____ Pumpage inventory: _____ yes _____ no, period: _____

Aperture cards: _____ yes _____

Log data: _____ E log 10' - 974 _____ DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 965 Meas. _____ 3

Depth cased: _____ ft 921 Casing type: _____; Diam. 8x6 in _____ 8

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (green), (H) horiz. gallery, (I) open end, (J) open perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other _____ S

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

Date Drilled: 10/23/68 968 Pump intake setting: _____ ft _____ 30

Driller: LAYNE - CENTRAL CO. name _____ address _____

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other _____ T Deep _____ D Shallow _____ 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 25 _____ V Trans. or meter no. _____

Descrip. MP _____ Ft above _____ Ft below LSD, Alt. MP _____

Alt. LSD: _____ 555 Accuracy: (source) _____ EST _____ 6

Water Level _____ ft above MP; _____ ft below LSD _____ 205 Accuracy: _____ _____ D

Date meas: _____ N 68 Yield: _____ gpm _____ 150 Method determined _____ 4

Drawdown: _____ ft _____ Accuracy: _____ _____ 1 Pumping period _____ hrs _____ 1

QUALITY OF WATER DATA: Iron 1.5 _____ 5 Sulfate 6.6 _____ 0 Chloride 31 _____ 0 Hard. 42 _____ 7

Sp. Conduct 245 _____ 2 Temp. 73 _____ 23 Date sampled _____ 5.69

Taste, color, etc. _____

PHOTOLOG

Well No.

C 15

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 13P Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat (F) (H) (K) (L) (V) _____

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

Lithology: US Origin: 3 Aquifer Thickness: _____ ft

55 Length of well open to: _____ ft 44 Depth to top of: _____ ft 922

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:

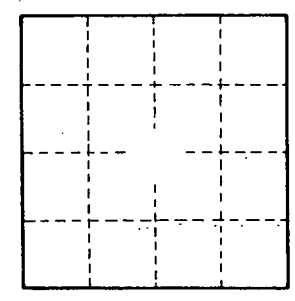
Depth to consolidated rock: _____ ft _____ Source of data: _____

Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft 253 Coefficient Storage: _____

Coefficient Perm: 455 gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____



Well No. C 15

E 10921 GW-00943 CODED *Code*

NEWTON
C 15
11-14-68
Miss Geo Surv

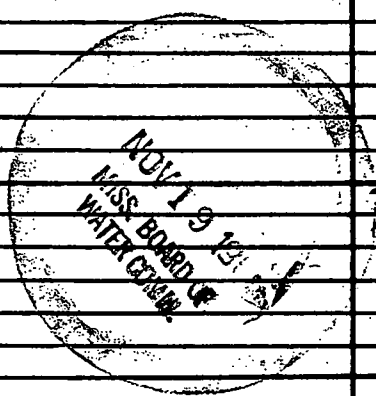
MISSISSIPPI
 BOARD OF WATER COMMISSIONERS
 416 North State Street
 Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

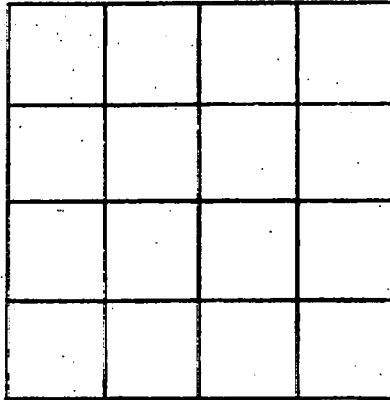
11-14 1968 *Lynn Central Co.* *Newton*
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<i>Boulah-Hubbard Water Assoc.</i>			
<i>Little Rock, Miss.</i> (mailing address)	<i>Clay</i>	<i>0</i>	<i>20</i>
	<i>Brittle Clay</i>	<i>20</i>	<i>48</i>
	<i>Sand, Silt & Clay</i>	<i>48</i>	<i>85</i>
	<i>Silty Sand & Clay</i>	<i>85</i>	<i>159</i>
	<i>Sandy Shale</i>	<i>159</i>	<i>202</i>
	<i>Clay</i>	<i>202</i>	<i>249</i>
	<i>Silty Shale</i>	<i>249</i>	<i>476</i>
	<i>Shale</i>	<i>476</i>	<i>522</i>
	<i>Shale, Silt, Black Fine Sand</i>	<i>522</i>	<i>922</i>
	<i>Sand</i>	<i>922</i>	<i>968</i>
	<i>Shale</i>	<i>968</i>	<i>974'</i>
WELL LOCATION:			
sec <i>23</i> T. <i>8 N</i> R. <i>12 E</i>			
<i>1 1/2</i> miles <i>West</i> of <i>Little Rock</i>			
(distance) (direction) (nearest town)			
WELL PURPOSE: <i>Domestic</i> (home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <i>8"</i>			
(2) total depth (feet) <i>974'</i>			
(3) static water level (feet) <i>205'</i> below above top of ground.			
(4) casing <i>Steel</i> , <i>921'</i> (material) (depth)			
<i>8"</i> (size) if telescope see back.			
(5) screen <i>44'</i> , <i>921'</i> (length) (depth to top)			
<i>6"</i> , <i>Stainless Steel</i> (size) (material)			
(6) pump <i>25</i> (HP) (yield gpm)			
<i>Electric</i> (type power)			
(7) electric log <i>Yes</i> (yes or no)			
<i>Miss Geo Surveys</i> (organization running log)			
(8) how well bottom plugged <i>valve</i>			
DRILLERS REMARKS:			
<i>Pump not installed</i>			
<i>no test as of this date</i>			



If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

Multiple horizontal lines for recording additional information.

If more than one screen, show locations of each on sketch.

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-00943

County: NEWTON

Owner: BEULAH HUBBARD WATER ASSOCIATION

Aquifer: WLCXL

USGS No: C0015

BOH No: 0510001-01

Location: SE 1/4 of the NW 1/4 of SEC 23 TWN 08N RNG 12E Lat: 323120 Long: 890230

Quad: UNION EAST

District: N/A

28

5

Date Issued: 14-JAN-86

Date Renewed: 13-AUG-96

Date Expired: 14-JAN-06

Applicant: BEULAH HUBBARD WATER ASSOCIATION

Owner: BEULAH HUBBARD WATER ASSOCIATION

Address 1: 4704 HIGHWAY 494

Address 1: 4704 HIGHWAY 494

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: LITTLE ROCK

City: LITTLE ROCK

State: MS Zip: 39337

State: MS Zip: 39337

Driller: LAYNE-CENTRAL

Maximum Rate: 200

Amount Withdrawn Acre feet: 78.4223

Amount Withdrawn Mgd: .07

Use

RURAL WATER ASSOCIATION

Casing

Type: STEEL

Diameter: 8

Length: 921

Screen

Type: STAINLESS STEEL

Diameter: 6

Length: 44

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LAR/DRB DATE: 7/18/94

UNIT DEQ #: 82859 FILE #: A07819A

HEALTH DEPT. #: 510001-01 ELEV. 500

USGS #: C-15 OLWR #: GW-00943

OWNER: BEulah Hubbard WATER ASSN.

LOCATION: S 23 T 8N R 12E COUNTY: NEWTON

LOCATION DESCRIPTION: NORTH of pump house, South of
Elevated TANK.

CASING DIA: 8" PUMP TYPE & SIZE: Turbine/ 15"

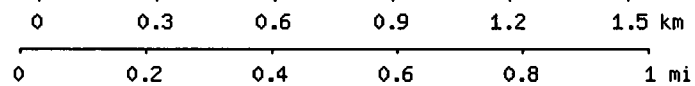
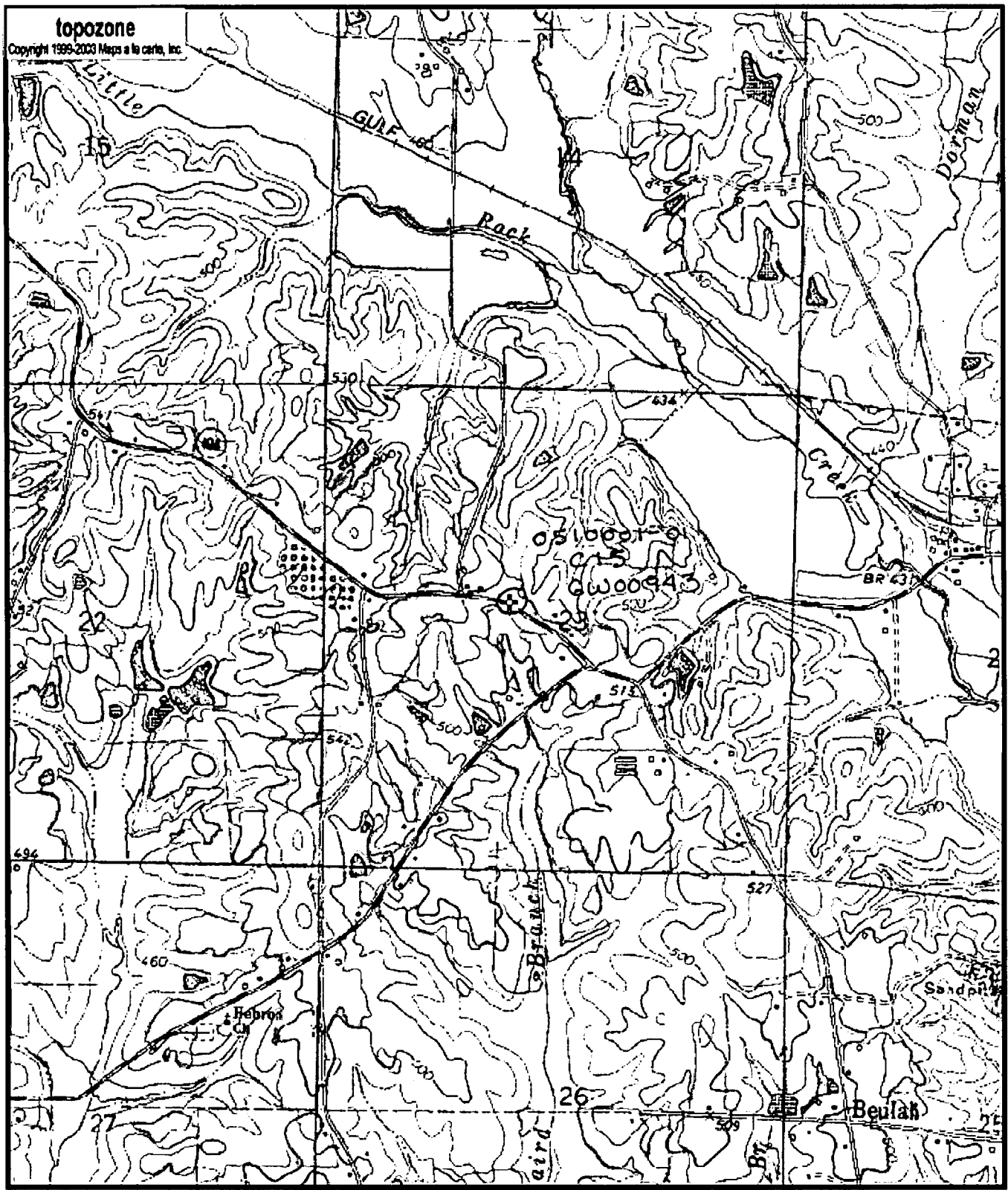
GPS FIELD LOCATION: LAT. 32-31-483N LONG. 89-02-586W

GPS CORRECTED LOCATION: LAT. 32.524623 LONG. 89.043075

REMARKS: Hwy 494 EAST of Union Ms. APPROX. 4.75MI.
WELL BACK of TREATMENT PLANT on LEFT SIDE
of 494

Union E. Quad

32 31 28
89 02 35



Map center is 32° 31' 28"N, 89° 02' 35"W (WGS84/NAD83)
Union East quadrangle
 Projection is UTM Zone 16 NAD83 Datum

M=-0.381
 G=-1.099

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USGS 110 km E of Jackson, Mississippi, United States 02 Mar 1996



0 1 Km

0 0.5 Mi

Image courtesy of the U.S. Geological Survey

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