

GW12488
DOT # 0070009-01
GPSd 7/17/98 SL

NO LOCK

WRD Exp. (GW)
April 1966

Well No.

WELL SCHEDULE

E-129 29

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data Driller's log Date 8-15-66 Map ATLANTA 113-C

State Miss. 26 28 County (or town) Calhoun 23 07

Latitude: 33 50 32 N Longitude: 089 11 37 Sequential number: 1

Lat-long accuracy: 2 14 0 R 1 W 22 SW SW SW SW

Local well number: 4008 021 1450 1E Other number:

Local use: 021029 Owner or name: MIDWAY WA Address:

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

Use of water:

Use of well:

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

Hyd. lab. data: USGS 12/70

Qual. water data; type:

Freq. sampling: Pumpage inventory: Aperture cards:

Log data: E log 10 - 1442; Driller's log 1445 DE

8/18/1987
WL = 139.44

COMPUTATION BRANCH

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1419 ft Meas. rept. 1445 accuracy

Depth cased: (first perf.) 1359 ft Casing type: Steel; Diam. 6x5 in

Finish: porous concrete, gravel w. concrete, (perf.), gravel w. (screen), gravel w. gallery, open end, other

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

Date Drilled: 8-18-66 966 Pump intake setting: ft

Driller: Herndon Homan Well & Serv. Co Shannon 1990 Submersible

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 Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 7 1/2 U Trans. or meter no.

Descrip. MP 310 (10/89) ft above below LSD, Alt. MP

Alt. LSD: 318' G.L. 318 Accuracy: (source)

Water Level -98 ft above below MP; Ft below LSD Accuracy:

Date meas: 066 Yield: 62 gpm 60 Method determined:

Drawdown: ft Accuracy: Pumping period: hrs

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

Sp. Conduct K x 10 Temp. °F Date sampled:

Taste, color, etc.

10/26/78
WL = 118.

WELL NO.

Well No. L8

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

HYDROGEOLOGIC CARD

Physiographic Province: 03 **Section:** _____

Drainage Basin: 156 **Subbasin:** _____

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

MAJOR AQUIFER: K3 **system** _____ **series** _____ **aquifer, formation, group** EU

Lithology: US **Origin:** 6 **Aquifer Thickness:** 52 ft

Length of well open to: _____ ft **Depth to top of:** 1373 ft **A37**

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: 1385-1445 ft 60' x 2 1/2"

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

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

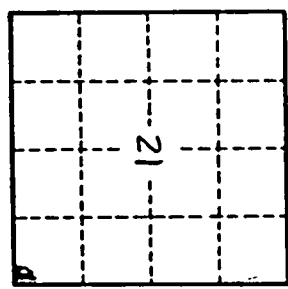
Surficial material: _____ **Infiltration characteristics:** _____

Coefficient Trans: _____ **Coefficient Storage:** _____

Perm: _____ **Spec cap:** _____ **Number of geologic cards:** _____

676 ft of 6-inch casing
 lead seal
 2 1/2-inch casing
 60 ft of 2 1/2-inch screen

$r = 0.16$

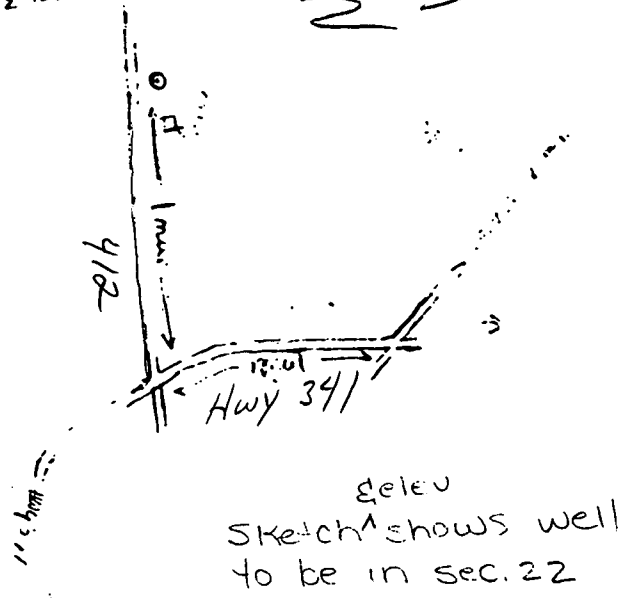


driller rpt. 42' dd
 1.43 gpm/ft.

11/8/90
 M.P. = 1.50
 bolt hole in top
 DH1JE
 160.00
 -11.60

 148.40
 1.50

 146.90



- K3AM 1069'
- K3EU 1169'
- K3MS 1425'
- K36φ 1500' (est.)

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): _____ DATE: 7/17/98
UNIT DEQ #: _____ FILE #: _____
HEALTH DEPT. #: 070009-01 ELEV. _____
USGS #: L8 OLWR #: GW12488
OWNER: MIDWAY WATER ASSOC. QUAD: ATLANTA
LOCATION: SW/SW S 22 T 145 R 01E COUNTY: CALHOUN
LOCATION DESCRIPTION: ON COUNTY ROAD #462, 1.0 MILES
WEST OF HIWAY 341
CASING DIA: _____ PUMP TYPE & SIZE: _____
GPS FIELD LOCATION: LAT. 33° 50' 26.9" LONG. 89° 11' 22.9"
GPS CORRECTED LOCATION: LAT. 33° 50' 26.88" LONG. 89° 11' 22.94"
REMARKS: GPS LOCATION ± 15' EAST OF WELL.

Shedd Landreth

33.840800 89.189706

Calhoun
L 8
12-66
M.G.S.

GW 12488

CODED

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

WATER WELL DRILLERS LOG

December 1966 Y. Hendon Homant Supply Calhoun Co
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Medway Water Association	Subs. sand + clay	0	18
Uardaman, Miss (mailing address)	Blue clay	18	320
	White Chalk	320	382
	White Chalk (gummy)	382	475
	White Chalk (sandy)	475	500
	White Chalk (gummy)	500	822
	White Chalk (sandy)	822	900
	Gummy Blue clay	900	1175
	Slight sand	1175	1216
	Shale with sand streak	1216	1268
	Slight sand	1268	1320
	Sand (water) shale streak	1320	1370
	Water sand	1370	1445
	Bottom	1445	

WELL LOCATION:
sec. 21 T. 14 R. 1 E
near SE cor. of Sec.
miles of (distance) (direction) (nearest town)

WELL PURPOSE: Community (home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

(1) diameter (inches) 6"

(2) total depth (feet) 1445

(3) static water level (feet) 98' below top of ground.

(4) casing Steel, 676' (material) (depth)
6" (size) If telescope see back.

(5) screen 100' 1385 (length) (depth to top)
2 1/2" 304 Stainless Steel (size) (material)

(6) pump 1 1/2 (HP) 60 (yield gpm)
Electric (type power)

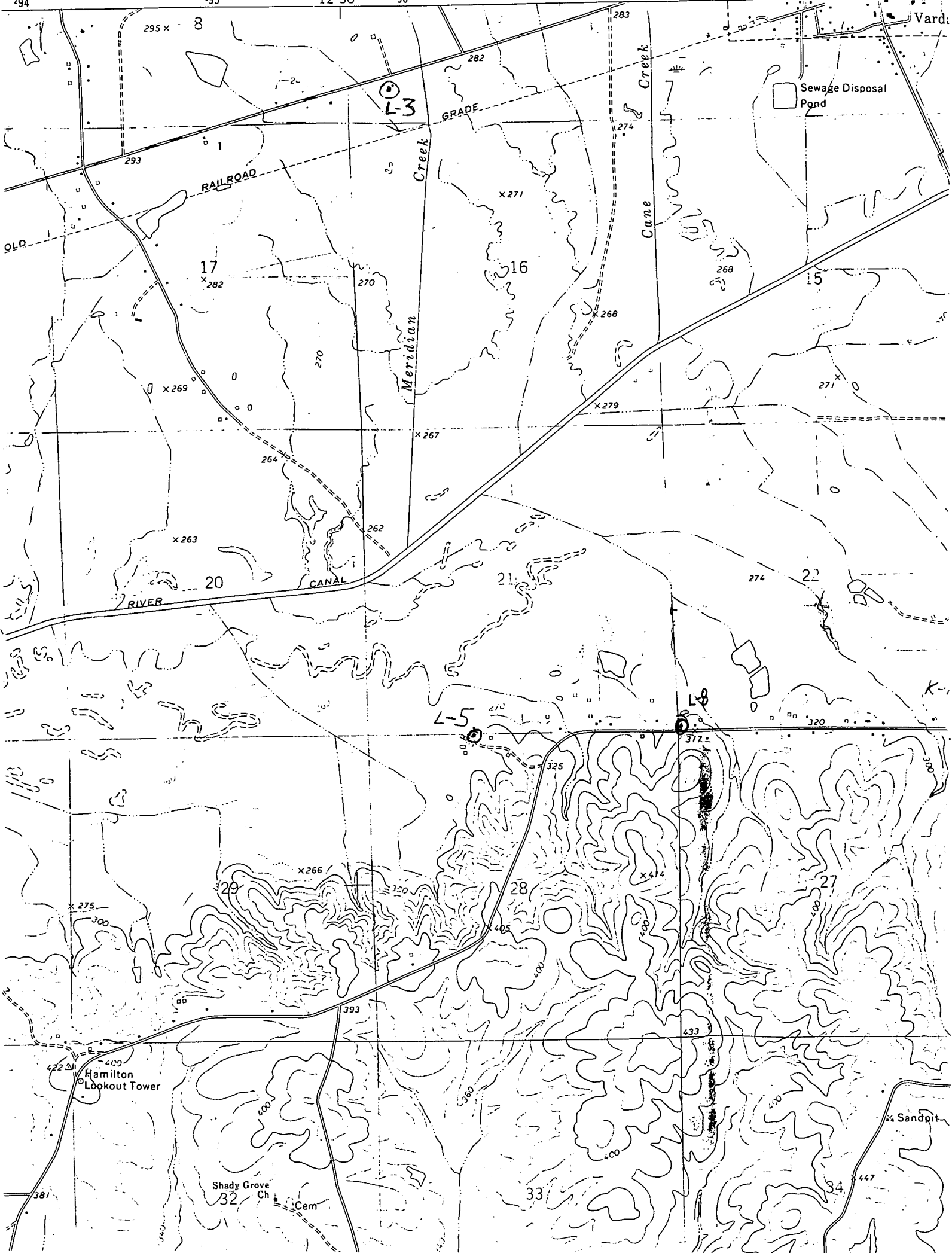
(7) electric log Yes (USGS #29) (yes or no)
Miss. Geological Survey (organization running log)

(8) how well bottom plugged

APR 30 1969

DRILLERS REMARKS:

MISS. BD. OF WATER COMMISSIONERS



Vard

Sewage Disposal Pond

RAILROAD

Meridian Creek

Cane Creek

RIVER

CANAL

L-3

L-5

L-8

Shady Grove Ch. Cem.

Hamilton Lookout Tower

Sandpit

295 x 8

17

16

15

20

21

22

29

28

27

32

33

34

293

282

283

274

270

x271

x268

x269

x267

x279

271

264

262

274

320

x275

x266

x414

x405

317.2

433

393

360

300

447

381