

3 different depths :

0220057-01

APR 29 1975

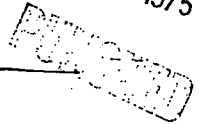
91a
91b
9c
842
728
630

driller's log
FORM 9-1642
(1-68)

Well No.

H91a

E log # 65



U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by WTO Source of data Obs driller Date 4-2-73 Map GRENADA QUAD.

State MISS. 28 County (or town) GRENADA 22

Latitude: 33° 47' 44" N Longitude: 089° 46' 03" W Sequential number: 1

Lat-long accuracy: 2 T, 220 S, R, 50 Sec 3, SW 1/4, SW 1/4, SW 1/4

Local well number: H091CC0322NO5E Other number: _____ B & H

Local use: 002065 Owner or name: Grenada Lake

Owner or name: USCE GRENADA LK Address: _____

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

Use of water: (A) Air cond, Bottling, (B) Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (C) Stock, (D) Instit, (E) Unused, (F) Recharge, (G) Desal-P S, (H) Desal-other, (I) Other. U

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. T

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

Hyd. lab. data:

Qual. water data; type: MSBOW

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

Aperture cards: yes

Log data: E log 20' - 958' E

08030205

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 842 ft Meas. rept 3

Depth cased: 802 ft Casing Type: _____; Diam. 9x5x4 in 9

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

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

Date Drilled: 973 Pump intake setting: _____ ft

Driller: R. RATLIFF GRENADA

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. S Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 10 T Trans. or meter no. _____

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

Alt. LSD: 275 Accuracy: (source) topo 5

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

Date meas: 473 Yield: _____ gpm 45 Method determined _____

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

QUALITY OF WATER DATA: Iron .5 ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct 230 K x 10⁶ Temp. _____ °F Date sampled 473

Taste, color, etc. pH: 8.3 Fe: .4 Cl: 430 solids: 1306

WELL NO.

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: _____

03 Section: _____

D Drainage Basin: _____

156 Subbasin: _____

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

MAJOR AQUIFER: _____

TE

LW

Lithology: _____

1S

2

Length of well open to: #6 slot ft 4:0 Depth to top of: _____ ft

MINOR AQUIFER: _____

Lithology: _____

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: _____

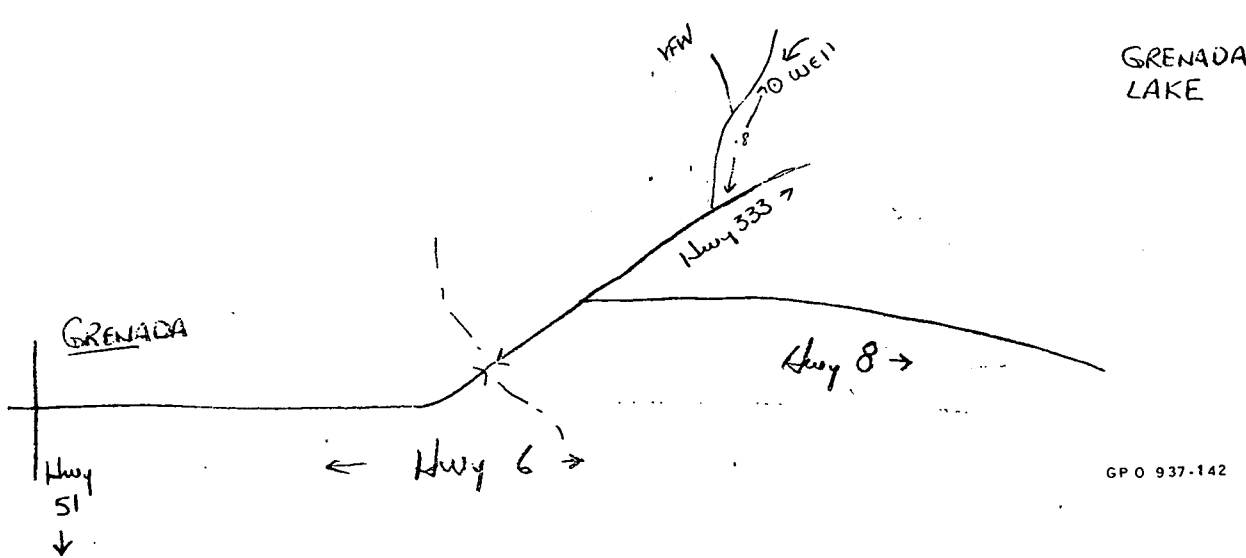
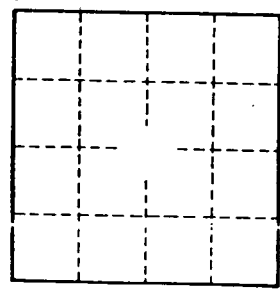
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

Well abandoned because of quality + quantity.

driller rpts - 110' dd @ 45gpm



GRENADA

H91

3-31-74

E log #65

March 31 1974
date well completed

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

WATER WELL DRILLERS LOG

Robert E. Roth/Co. Inc. Grenada
firm name county well located

LANDOWNER:	description of formations encountered	from	to
Corps of Engineers	Top Soil	0	5
Wicksburg District (mailing address)	Sandy shell	5	50
WELL LOCATION:	Top White Sand	50	200
sec. 3 T. 22 N. R. 5 E	Blue clay	200	226
4 miles East of Grenada (distance) (direction) (nearest town)	Rock	226	227
WELL PURPOSE: Industrial (home, irrigation, municipal, industrial)	Blue clay	227	232
WELL COMPLETION DATA:	Blue clay	232	238
(1) diameter (inches) 8" x 4"	Rock	238	239
(2) total depth (feet) 630'	Blue clay	239	267
(3) static water level (feet) 71' (below top of ground)	Fine sand	267	280
(4) casing Black Tyc. 492' (material) (depth)	Blue clay	280	295
8" (size) if telescope see back.	Shell with sand strata	295	379
(5) screen 40' 417' (length) (depth to top)	Sandy shell	379	418
4" 555 (size) (material)	Rock	418	419
(6) pump 5 HP 60 gpm (yield gpm)	Sandy shell	419	436
Electric (type power)	Fine sand	436	443
(7) electric log U.S. G.S. (yes or no) (organization running log)	Sandy shell	443	463
(8) how well bottom plugged Back Pressure Valve	Fine sand	463	478
DRILLERS REMARKS:	Sand strata + clay	478	505
	Clay	505	521
	Fine sand	521	547
	Clay	547	555
	Fine sand	555	557
	Clay	557	562
	Fine sand	562	594
	Clay	594	586
	Fine sand	586	594
	Clay	594	604
	Fine sand	604	610
	Clay	610	619
	Fine sand	619	630

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 10/21/97

UNIT DEQ #: _____ FILE #: B102120A

HEALTH DEPT. #: 220057-01 ELEV. 255

USGS #: H91 OLWR #: ~~6014745~~

OWNER: USCOE well #2 QUAD: Grenada

LOCATION: SW/SW S 3 T22N R 5E COUNTY: Grenada

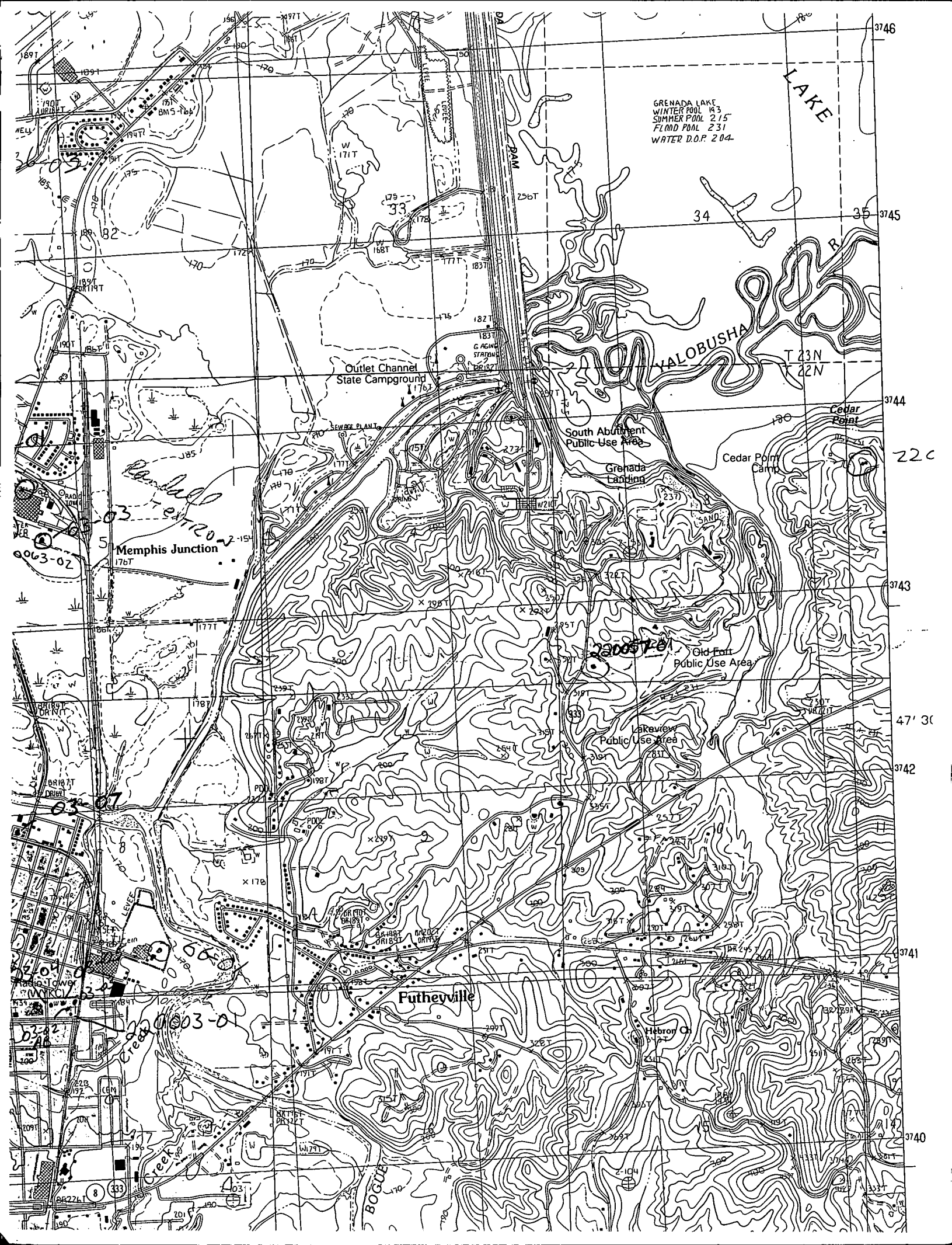
LOCATION DESCRIPTION: In green block well house on east
side on Hwy 333, 0.1 north of VFW Rd.

CASING DIA: _____ PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 33° 47' 43.6" N LONG. 89° 46' 05.7" W

GPS CORRECTED LOCATION: LAT. 33.795160 LONG. 89.767864

REMARKS: _____



GRENADA LAKE
WINTER POOL 193
SUMMER POOL 215
FLOOD POOL 231
WATER D.O.P. 204

LAKE

34

35

3746

3745

3744

3743

3742

3741

3740

Memphis Junction
176T

Outlet Channel
State Campground
176T

South Abutment
Public-Use Area

Grenada
Landing

Cedar Point
Camp

Old Fort
Public Use Area

LaView
Public Use Area

Futheyville

Hebron Ch



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): Hornbeak DATE: 7/26/02
UNIT ^{Serial} ~~DEC~~ #: 37031107 FILE #: N/A
HEALTH DEPT. #: 220057-01 ELEVATION: 260'
USGS #: H-91 OLWR #: []
OWNER: USACE QUAD: Grenada
LOCATION: SW-SW S 3 T 22N R 5E COUNTY Grenada
LOCATION DESCRIPTION: AT Cement Slab Approx 100' East of
C/L of Hwy 333 + Approx. 10 mi. North
of Intersection of Hwy 333 with VFW Post Rd.
CASING DIA: 8" PUMP TYPE & SIZE: None / P+A
(Deg. Min. Sec.)
GPS FIELD LOCATION: LAT. 33° 47' 42" LONG. 89° 46' 04"
(Deg. + Dec.)
GPS CORRECTED LOCATION: LAT. 33.7950° LONG. 89.7678°
REMARKS: Plugged + Abandoned
8" Steel Casing Inside of 8" PVC Casing
CUT off Approx. 6" Above Ground level +
filled with Cement.
USACE is now on public water system.

new

10/10/17

Handwritten title or header

10

10/10/17

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TopoZone.com

Target is 33.7950°N, 89.7678°W - GRENADA quad [Quad Info]

