

6W005579

0220039-01

Well No. H122

FORM 9-1642 (1-68)

WELL SCHEDULE

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

MASTER CARD

Record by RET Source of data MBWC Date 10-23-70 Map Tie Plant

State 126 22 County (or town) Grenada 58 22

Latitude: 33 40 38 N Longitude: 0 8 9 4 4 7 Sequential number: 1

Lat-long accuracy: 2 21 5 14 NW 15 sec 18 OK

Local well number: H1223B1421N05E Other number: B & M

Local use: 002 Owner or name: Well

Owner or name: ELLIOTT WEAVER Address: City of Grenada

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (B) Stock, Instat, Unused, Repressure, 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. (D) W

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

Hyd. lab. data:

Qual. water data; type: MSBOW Part. 12/66

Freq. sampling: Pumpage inventory: no, period:

Aperture cards:

Log data: Test Hole (H115) E. log to 979 ft nearby

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: TD = 466' ft 469 Meas. rept accuracy 3

Depth cased; (first perf.) ft 439 Casing type: 8x4 in 8

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

Method: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) wash, (X) other H

Date Drilled: 9-6-66 Pump intake setting: 20 ft 20

Driller: 218 name address

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot., (S) submerg, (T) turb., other T Deep Shallow

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; (LP) H.P. 20 Trans. or meter no. 41

Descrip. MP 218 ft above below LSD, Alt. MP

Alt. LSD: 225 Accuracy: (source) 5

Water Level: 29 ft above below MP; Ft below LSD Accuracy: D

Date meas: 0-6-66 Yield: 137 gpm Method determined 61

Drawdown: 21 @ 135 gpm Accuracy: 62 Pumping period 63 hrs 64

QUALITY OF WATER DATA: Iron 0.10 ppm Sulfate 69 ppm Chloride 70 ppm Hard. 71 ppm Date sampled 72

Sp. Conduct 73 K x 10⁶ Temp. 68 °F Date sampled 74 75

Taste, color, etc. pH = 8.7 CL = 30 T.S. = 308 MSBOW

W/L 20 or 29 ft

Well No.

H122

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

HYDROGEOLOGIC CARD

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

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
(E) (F) (R) (K) (L) (U) (V)

MAJOR AQUIFER: system _____ series TE aquifer, formation, group WLCXM TW

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: 20 or 30? ft 30 Depth to top of: _____ ft 440

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: 439 - 459 ft

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

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

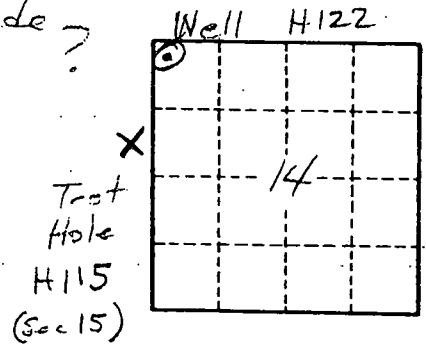
Surficial material: _____ Infiltration characteristics: _____

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

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

Log has 20 ft screen on one side and 30 ft screen on other?

One 10,000 gpd ground tank



14 ft
8 ft

Well No.

H122

Jess Haley, Eng

Population 400
115 meters

Grenada
 H 122
 10-66
 Elec. Log
 Oct 1966

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

Coded

WATER WELL DRILLERS LOG

Robert E. Ruffey
 firm name
 Grenada
 county well located

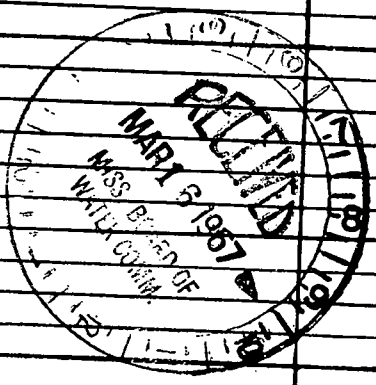
LANDOWNER: Elliott Water Assn., Inc.
 Elliott, Miss.
 (mailing address)

WELL LOCATION:
 sec. 14 T21N R5E S
 miles in Elliott
 (distance) (direction) (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 8 x 4
 - (2) total depth (feet) 466
 - (3) static water level (feet) 29 below top of ground
 - (4) casing St. 439' (material) (depth)
 8 x 4 (size) if telescope see back.
 - (5) screen 30 439 (length) (depth to top)
 .020 (size) S.S. (material)
 - (6) pump 20 137 (HP) (yield gpm)
 turbine (type power)
 - (7) electric log Yes of no H 115
 M. D. I. E Log 39 (organization running log)
 - (8) how well bottom plugged BPU

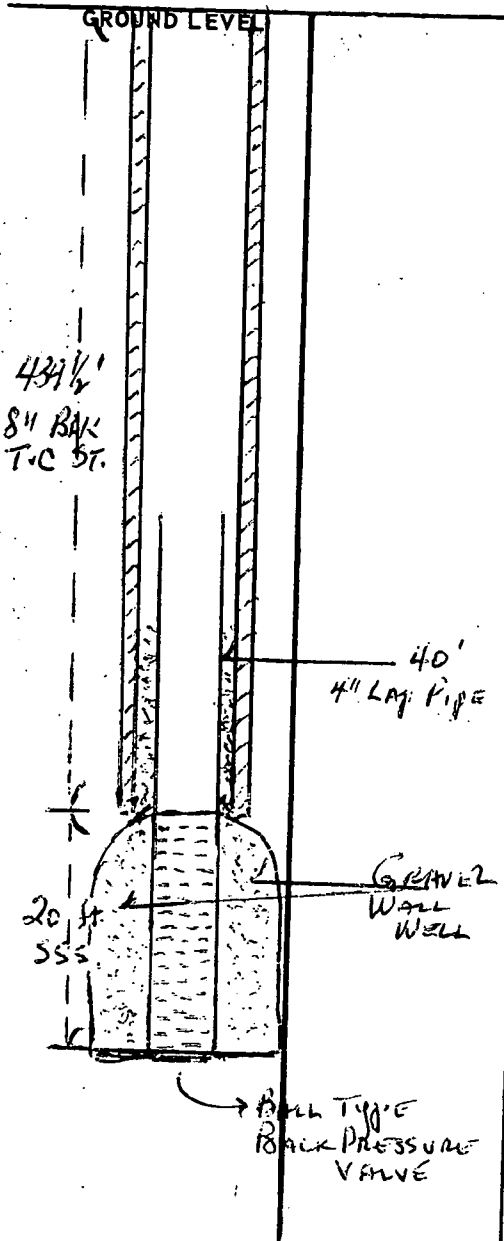
description of formations encountered	from to	
Top Soil + yellow sand	0	25
Shale	25	75
White Sand	75	145
Sand, Shale	145	158
Sand	158	175
Shale	175	181
Sand	181	210
Shale	210	336
Hard Rock	336	339
Shale	339	366
Sand	366	374
Dumbrs	374	428
Sand	428	434
Dumbrs	434	440
Sand	440	454
Dumbrs	454	458
Sand	458	466



DRILLERS REMARKS:

X

If well telescopes please sketch and show depths.



X			

Test Well H115 Sect 15

SECTION 14

Please indicate well location X.

ADDITIONAL INFORMATION

Horizontal lines for additional information.

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 10/22/97

UNIT DEQ #: _____ FILE #: B102220A

HEALTH DEPT. #: 220039-01 ELEV. 218

USGS #: H127 OLWR #: GW05579

OWNER: Grenada Water/Sewer^{Elliott} QUAD: Tie Plant

LOCATION: NW/NW S14 T21N R5E COUNTY: Grenada

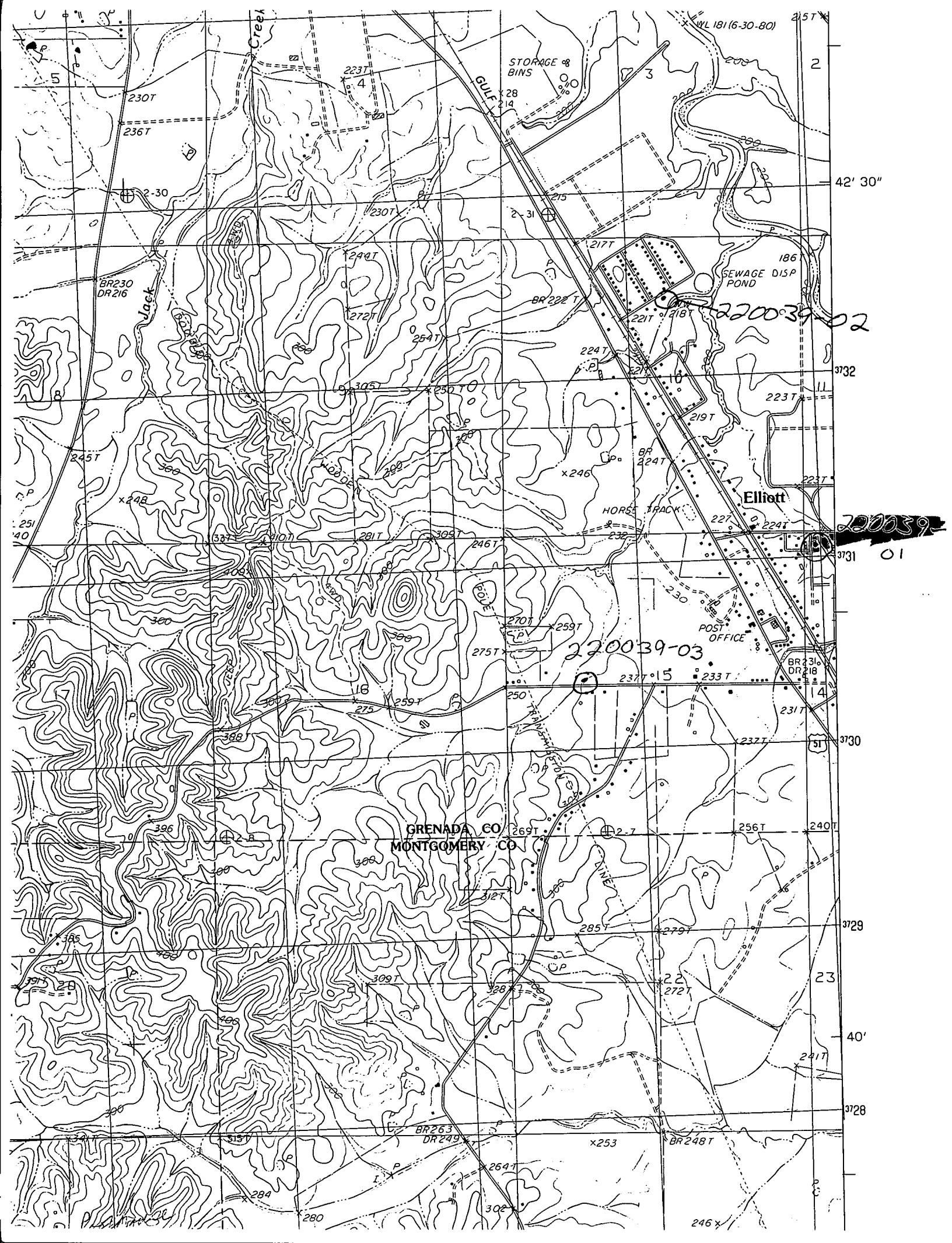
LOCATION DESCRIPTION: Near intersection of Hawkins & Tartt; off Camp McCain Rd.

CASING DIA: _____ PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 33° 41' 26.1" N LONG. 89° 45' 03.9" W

GPS CORRECTED LOCATION: LAT. 33.690842 LONG. 89.751332

REMARKS: Measured @ 10' from well



GRENADA CO
MONTGOMERY CO

220039-03

220039-02

~~220039-01~~

Elliott

SEWAGE DISP POND

HORSE TRACK

POST OFFICE

STORAGE & BINS

WL 181(6-30-80)

BR 230
DR 216

BR 222 T

BR 224 T

BR 231
DR 218

BR 263
DR 249

BR 248 T