

FORM 9-1642 (1-68)

Well No. G 38

WELL SCHEDULE

8 Log 73 **PUNCHED**

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

JAN 24 1973

MASTER CARD

Record by P.E. Grantham Source of data Driv. + E Log Date 10-29-69 Map Cedar Bluff 134-D

State Miss County Clay (or town) 13

Latitude: 33° 35' 45" N Longitude: 088° 51' 36" W Sequential number: 1

Lat-long accuracy: 20' T. 20' S. R. 14' W. Sec. 17 NW 1/4 SW 1/4 SW 1/4

Local well number: G038CC1720N14E Other number: B & M

Local use: 021 Owner or name: C.E. Brewer

Owner or name: C C BREWER Address: _____

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec. H

Use of well: 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: period:

Aperture cards:

Log data: E Log 126' to 720 D.F

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 990 ft Meas. rept. accuracy 3

Depth cased; (first perf.): 22 ft Casing type: 22' 5" Galv. Diam. 5" in 5

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

Method: air bored, cable, dug, rot., percussion, rotary, other H

Date Drilled: 10/69 969 Pump intake setting: _____ ft

Driller: Herndon-Hornum Drilling Co Shannon

Lift (type): air, bucket, cent, jet, multiple, none, piston, rot, submerg, turb, other S Deep D

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 3/4 5 Trans. or meter no. _____

Descrip. MP 290' (12/89) ft above LSD. Alt. MP _____

Alt. LSD: 300' 300 Accuracy: (source) topo 3

Water Level 120 ft above MP; Ft below LSD 120 Accuracy: _____ D

Date meas: 0619 Yield: _____ gpm Method determined _____

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. _____

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SEARCHED

Well No. **G38**

Latitude-Longitude N
S

HYDROGEOLOGIC CARD

Physiographic Province: **D** Drainage Basin: **113E** Subbasin: **013** Section: **20**

Top of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

MAJOR AQUIFER: **23** series **33** 37 aquifer, formation, group **MS** 30 31
Lithology: **6** 33 Aquifer Thickness: **140** ft

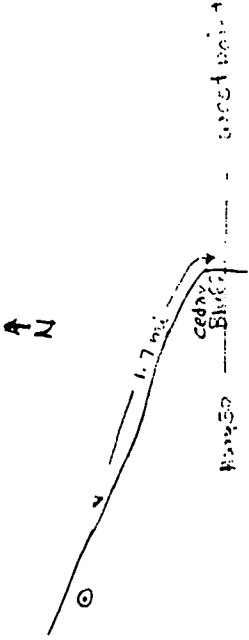
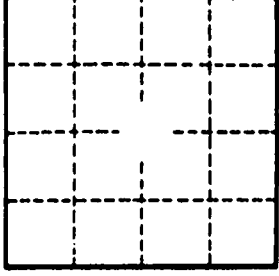
MINOR AQUIFER: **44** 43 series **44** 43 aquifer, formation, group **40** 47
Lithology: **37** 33 Length of well open to: **140** ft Origin: **30** 33 Aquifer Thickness: **30** ft

Intervals Screened: **37** 33 Length of well open to: **37** 33 Depth to top of: **37** 33

Depth to consolidated rock: **40** 43 ft Source of data: **40** 43

Depth to basement: **45** 43 ft Source of data: **45** 43

Surficial material: **70** 71 Infiltration characteristics: **70** 71
Coefficient Trans: **73** 73 gpd/ft² Coefficient Perm: **76** 73
Number of geologic cards: **79**



Well No. **G38**

Central Basin

CLAY
G-38
10-31-69

E LOG # 33
CODED

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

WATER WELL DRILLERS LOG

10-31-69 date well completed 1969 Herndon Horan Well firm name Clay county well located Clay

LANDOWNER: C. E. Brewer
Route 2
Phelan, Miss.
 (mailing address)

description of formations encountered	from	to
<u>Surface sand clay</u>	<u>0</u>	<u>18</u>
<u>Blue clay</u>	<u>18</u>	<u>800</u>
<u>Sand</u>	<u>800</u>	<u>940</u>
<u>Gravel</u>	<u>940</u>	

WELL LOCATION:
 sec. 18 T 20 N R 14 E
2 1/2 miles NW of Cadwell
 (distance) (direction) (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 5"
 - (2) total depth (feet) 940
 - (3) static water level (feet) 120 below top of ground.
 - (4) casing Steel 22'
(material) (depth)
5" if telescope see back.
(size)
 - (5) screen 70
(length) (depth to top)
(size) (material)
 - (6) pump 3/4 5
(HP) (yield gpm)
Electric
(type power)
 - (7) electric log no
(yes or no)
 - (8) how well bottom plugged open

DRILLERS REMARKS:

NOV 21 1969

MISS. Bd. OF WATER COMMISSIONERS

327000mE

328

329

50'

17 MI. TO NATCHEZ TRACE PARKWAY
MONTPELIER 11 MI.

