

ULLA COMPUTATION E

WELL SCHEDULE

E 109 # 146

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

GW01084 0120011-01

MASTER CARD

Record by J.A. CALLAHAN Source of data obs. Date 1-9-68 Map Quintman Quad.

State MISS County (or town) CLARKE

Latitude: 32° 03' 35" N Longitude: 088° 39' 36" W Sequential number: 7

Lat-long accuracy: 7' T. 30' N S. R. 16' W. Sec. 33 NE SW NE SW/NE SW/NE

Local well number: 4004CA3303N16E Other number: Test Hole

Local use: 008 Owner or name: East Quintman Water Assoc.

Owner or name: EAST QUINTMAN Address: Quintman, Miss.

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Inetit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other WA P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed FW

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: SPRT

Log data: E, D (M Bowie) DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 716' Meas. rept 320 716 accuracy 3

Depth cased: 280 Casing type: 10x8 in 10

Finish: porous concrete, gravel w. (perf.), (screen), gravel w. horiz. gallery, end, open perf., screen, sd. pt., shored, open hole, other Z

Method Drilled: air bored, cable, dug, hyd jetted, air rot., percussive, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 9-6-68 Pump intake setting: 358 ft 30 38

Driller: MCDONALD & HILL, MERIDIAN MISS

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other 5 Deep 5 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. U Trans. of meter no. U

Descrip. MP 358 ft above LSD. Alt. MP 340 ft below LSD. Alt. MP 340 Accuracy: CI 20ft 5

Water Level: 125 ft above MP; 125 ft below LSD Accuracy: D

Date meas: 7-6-68 Yield: 20 # gpm 230 Method determined 61

Drawdown: 7.68 ft Accuracy: 63 Pumping period 68

QUALITY OF WATER DATA: Iron 88 ppm Sulfate 79 ppm Chloride 71 ppm Hard. 77 ppm

Sp. Conduct 73 K x 10⁶ Temp. 74 °F 76 Date sampled 77 79

Taste, color, etc. 77

WELL NO. 146

Well No. _____

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

DROGEOLOGIC CARD

NAME AS ON MASTER CARD

Physiographic Province: _____

0.3 Section: _____

D Drainage Basin: _____

1.3.P Subbasin: _____

20 of depression, stream channel, dunes, flat, hilltop, sink, swamp, _____
21 site: offshore, pediment, hillside, terrace, undulating, valley flat _____

JOB: _____
22 UIFER: _____ system _____ series _____ 28 29 aquifer, formation, group _____ 30 31

23 lithology: _____ 24 Origin: _____ 25 Aquifer Thickness: _____ ft

26 Length of well open to: _____ ft _____ 27 Depth to top of: _____ ft _____

28 UIFER: _____ system _____ series _____ 44 45 aquifer, formation, group _____ 46 47

29 lithology: _____ 30 Origin: _____ 31 Aquifer Thickness: _____ ft

32 Length of well open to: _____ ft _____ 33 Depth to top of: _____ ft _____

34 intervals screened: _____

35 depth to consolidated rock: _____ ft _____ 36 Source of data: _____ 64

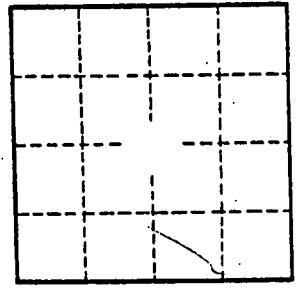
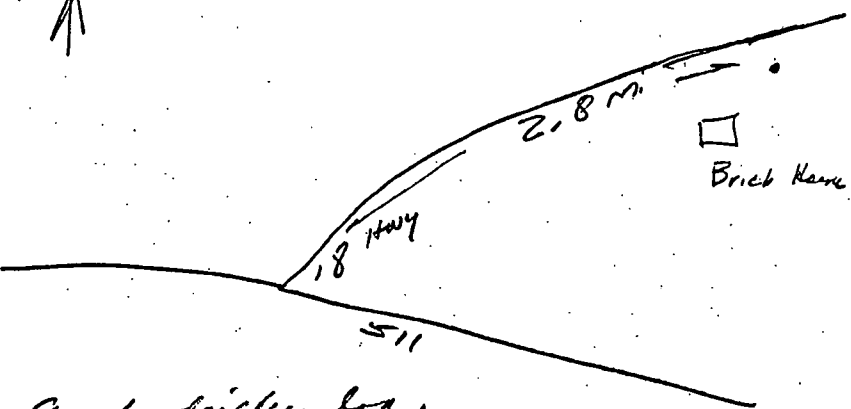
37 depth to cement: _____ ft _____ 38 Source of data: _____ 69

39 surficial material: _____ 40 Infiltration characteristics: _____ 72

41 coefficient of storage: _____ gpd/ft _____ 42 Coefficient Storage: _____ 76 78

43 coefficient of permeability: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79

4 miles E. of Quitman



*Good driller log
Well incomplete*

Well No. _____

14

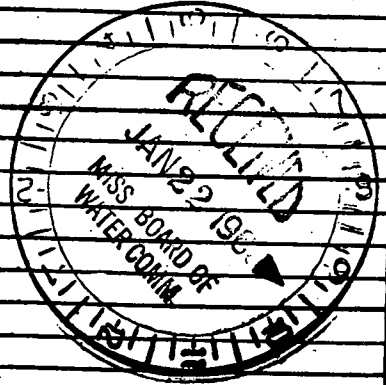
Clark
 2 H4
 1/68
 Elec Log

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

WATER WELL DRILLERS LOG

date well completed 19 McDONALD + HILL firm name CLARK county well located

LANDOWNER	description of formations encountered	from	to
<u>EAST QUITMAN WATER ASSOCIATION</u>	<u>YELLOW CLAY</u>	<u>0</u>	<u>9</u>
<u>QUITMAN MISS</u> (mailing address)	<u>BLUE CLAY</u>	<u>9</u>	<u>29</u>
WELL LOCATION:	<u>BROWN SHALE</u>	<u>29</u>	<u>85</u>
sec. <u>33</u> T. <u>3</u> N. R. <u>16</u> E. S. <u>5</u> W.	<u>SANDY LIME ST SHALE</u>	<u>85</u>	<u>145</u>
<u>4</u> miles <u>EAST</u> of <u>QUITMAN</u>	<u>SANDY ST SHELLS</u>	<u>145</u>	<u>205</u>
(distance) (direction) (nearest town)	<u>SHALE</u>	<u>205</u>	<u>220</u>
WELL PURPOSE: <u>TEST HOLE</u> (home, irrigation, municipal, industrial)	<u>SANDY ST BROWN SHALE</u>	<u>220</u>	<u>240</u>
WELL COMPLETION DATA:	<u>BROWN SHALE</u>	<u>240</u>	<u>275</u>
(1) diameter (inches) <u>4" TEST</u>	<u>SAND</u>	<u>275</u>	<u>320</u>
(2) total depth (feet) <u>716'</u>	<u>SHALE</u>	<u>320</u>	<u>352</u>
(3) static water level (feet) _____ below top of ground.	<u>LIME ROCK</u>	<u>352</u>	<u>360</u>
(4) casing _____ (material) _____ (depth) _____	<u>GREEN SAND</u>	<u>360</u>	<u>375</u>
_____ (size) If telescope see back.	<u>LIME ROCK ST SAND</u>	<u>375</u>	<u>400</u>
(5) screen _____ (length) _____ (depth to top)	<u>SANDY LIME ST SHALE</u>	<u>400</u>	<u>515</u>
_____ (size) _____ (material)	<u>FINE SAND</u>	<u>515</u>	<u>520</u>
(6) pump _____ (HP) _____ (yield gpm)	<u>SOFT SHALE</u>	<u>520</u>	<u>535</u>
_____ (type power)	<u>SANDY ST SHALE</u>	<u>535</u>	<u>555</u>
(7) electric log <u>YES</u> (yes or no)	<u>SANDY ST SHALE</u>	<u>555</u>	<u>600</u>
<u>US GEOLOGICAL SURVEY</u> (organization running log)	<u>FINE SAND ST SHALE</u>	<u>600</u>	<u>640</u>
(8) how well bottom plugged _____	<u>SANDY ST SHALE</u>	<u>640</u>	<u>684</u>
DRILLERS REMARKS:	<u>SHALE</u>	<u>684</u>	<u>694</u>
	<u>ST SAND</u>	<u>694</u>	<u>700</u>
	<u>SANDY</u>	<u>700</u>	<u>716</u>



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): RB PG DATE: 8-1-96

UNIT DEQ #: _____ FILE #: B080120B

HEALTH DEPT. #: 120011-01 ELEV. _____

USGS #: H004 OLWR #: GW01084

OWNER: East Quitman W.A. QUAD: Quitman

LOCATION: _____ S _____ T _____ R _____ COUNTY: Clarke

LOCATION DESCRIPTION: 4 miles E. of Quitman - Hy 18
320336 883959

CASING DIA: 10 PUMP TYPE & SIZE: submerged

GPS FIELD LOCATION: LAT. 32 03 42.4 LONG. 88 39 43.7

GPS CORRECTED LOCATION: LAT. 32.06189660 LONG. 88.66182677

REMARKS: _____

