

6W6823 0410015-04

Tupelo

WRD Exp. (and) April 1966

Broadway way # 11

Well No. H 39

WELL SCHEDULE E 105 # 18

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

PUNCHED

TRANSMITTED FOR ADP

MASTER CARD

Record by Hanson (Grant H H 61) Source of data DLR 4 CBS Date 8-4-61 Map Tupelo

State MISS County LEE City LEE

Latitude: 34° 15' 50" N Longitude: 088° 42' 17" W Sequential number: 1

Lat-long accuracy: 10' T. 90' R. 60' W. Sec 31 NE, NW, NE, NE

Local well number: H 039 AA 3109 S 06 E Other number: CITY WELL # 4

Local use: 064015 D66 6.2 Owner or name: CITY OF TUPELO

Owner or name: TUPELO Address: _____

11/16/82
WL = 270.75

1987
WL = 283.32

5/21/91

H 39 310.00
cut 41.85
268.15

MP 1.90
266.25

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Iyr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Inactit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other SB

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 W

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

Hyd. lab. data: _____

Qual. water data; type: EUTW

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: E-log to 535' DRILLERS LOG TO 683'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 630 ft Meas. accuracy 16

Depth cased: 387 ft Casing type: _____; Diam. 16 1/4 In 1.6

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. open perf., (I) screen, (J) sd. pt., (K) shored, (L) open hole, (M) other S

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

Date Drilled: 1961 9:6:1 Pump intake setting: _____ ft

Driller: LAYNE CENTRAL MEMPHIS

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 T Deep Shallow

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

Descrip. MP 330-325 ft above below LSD. Alt. MP _____

Alt. LSD: 340 Accuracy: Topo

Water Level: 190 ft above below MP; Ft below LSD 190 Accuracy: 380 # 70

Date meag: 1962 6 2 Yield: _____ gpm Method determined Z

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hr

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

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

Taste, color, etc. _____

W 225' 6/1/81

10/2/78
WL = 279.65

W-11 No.

H 39

Well No. H 39

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: 03
Drainage Basin: D Subbasin: 13C

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

MAJOR AQUIFER: _____ system _____ series K3 aquifer, formation, group GΦ Eutw

Lithology: UB Origin: 2 Aquifer Thickness: 145 ft
Length of well open to: _____ ft Depth to top of: _____ ft

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: 387 - 182 ? -630 95' out of 100'

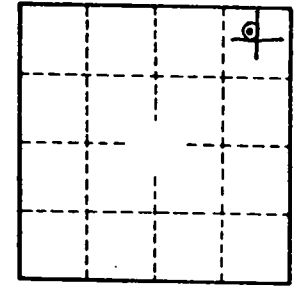
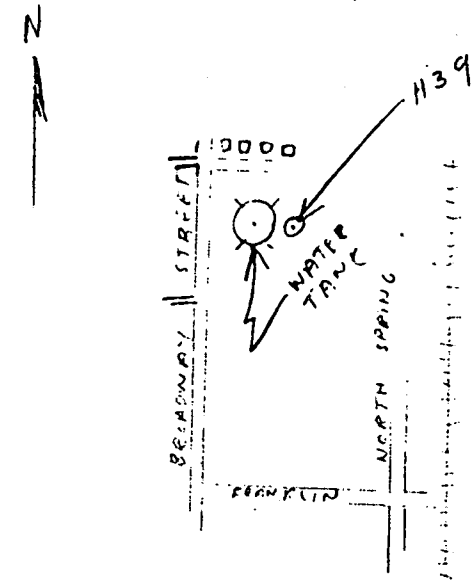
Depth to consolidated rock: 668 ft 668 Source of data: DRIG LOG D

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

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft 163 Coefficient Storage: _____

Coefficient Perm: 110 gpd/ft²; Spec cap: 6.2 gpm/ft; Number of geologic cards: _____



Driller said he
went 8' into
rock - cut clay
before rock

Well No. H 39

H 39 LEE H39 MISSISSIPPI BOARD OF WATER COMMISSIONERS *Depends on*
Don't locate **WATER WELL DRILLERS LOG** *section of*
1st of 2 number
of field location

Date: 1-5-, 1962, Driller: Layne-Central Co. County Lee
 (Name)

(1) Owner of Land: City of Tupelo
 (Name)
Tupelo, Mississippi
 (Address)

(2) Location: SE 1/4, SW 1/4, Sec. 4 T10 R6
 _____ miles _____ of _____
 (distance) (direction) (Nearest Town)

(3) Topography: _____
 (Hilly) (Flat) (Level)

(4) Purpose of Well: Municipal
 (Domestic Irrigation
 Municipal, Industrial, Other)

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
red sandy clay	20	0-20
clay-sand rock	45	65
rock	3	68
rock-shells	21	89
tough clay	53	142
shale-rocks	73	215
hard blue shale	75	290
hard fine sandy shale	72	362
sandy shale-sts. sand	23	385
hard pk sand	30	415
sandy shale-sts sand	21	436
pk sand	17	453
pk sand	23	476
sandy shale sts sand	23	499
hard sandy shale rocks	63	562
tough clay	7	569
tough clay	9	578
rock	7	585
hard porous formation	7	592
" " "	35	627
hard form. - soapstone	11	638
hard form. - red clay	22	660
rock	8	668
rock	7	675
rock		683

Information upon completion of well:

(1) Diameter 16" inches.

(2) Total Depth 630' feet.

(3) Water Level 190' feet below top of ground.

(4) Cased to 387', Size 16"

(5) Screen: Size 10", Length 95'

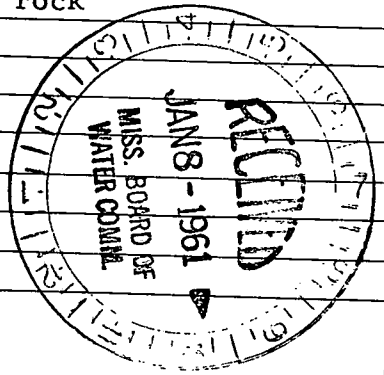
(6) Were any formations sealed against pollution?
 yes, _____ no.

If YES depth of formation 387'

Why Required

Drillers Remarks: _____

132 ELCC 310



PLCC?

(Use Back Side) Well No. _____
 Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss

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DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Jennings DATE: 4/26/94

UNIT DEQ #: 82857 FILE #: B042621B

HEALTH DEPT. #: 410015-04 ELEV. 325'

USGS #: H39 OLWR #: GW6823

OWNER: Tupelo Quad: Tupelo

LOCATION: NE/NE/NE S 31 T 9S R 6E COUNTY: Lee

LOCATION DESCRIPTION: Broadway St. well

CASING DIA: _____ PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 34° 15.842' LONG. 88° 42.295

GPS CORRECTED LOCATION: LAT. 34.264045 LONG. 88.705214
LAT. 34 15 50.550 LONG. 88 42 18.762

REMARKS: _____

