

Tupelo

WRD Exp. (GW)
April 1966

Well No. H 52

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

TRANSMITTED FOR ADP

MASTER CARD

Record by THOMSON Source of data Bowc Date 2-23-67 Map _____

State 28 County (or town) LEE 41

Latitude: 341640 N Longitude: 0883952 Sequential number: 1

Lat-long accuracy: 3 T 9 R 6 W, Sec 27 SW SE, NW, NW

Local well number: H0526B2709506E Other number: 145

Local use: _____ Owner or name: BILL WATTS Address: TUPELO, MISS.

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other H

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

DATA AVAILABLE: Well data 0 Freq. W/L meas.: 0 Field aquifer char. 0

Hvd. lab. data: _____

Qual. water data; type: USGS PARTIAL

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

Aperture cards: _____

Log data: DRILLERS

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 460 ft Meas. DAL 3

Depth cased; (first perf.): 253 ft Casing type: STEEL; Diam. 4 in

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

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

Date Drilled: 1963 9 6 3 Pump intake setting: ? ft

Driller: HERNDON address SHANNON

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) noise, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other S Deep 0 Shallow 40

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

Descrip. MP 395 ft above below LSD, Alt. MP _____

Alt. LSD: 415 Accuracy: TOPG 5

Water Level: _____ ft above below MP; Ft below LSD 180 Accuracy: DRL6 0

Date meas: JULY 1, 1963 7 6 3 Yield: _____ gpm Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

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

Sp. Conduct 290 K x 10⁶ 2 Temp. _____ °F Date sampled 3-23-67 3 6 7

Taste, color, etc. _____

Well No. H 52

Well No. H 52

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 03 Section: _____
19
20 21
D Drainage Basin: 13C Subbasin: _____
22 23 25 26

Topo of well site: (D) depression, stream channel, dunes, flat; (E) hilltop, sink, swamp; (F) offshore, pediment, hillside, terrace, undulating, valley flat; (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) H
27

MAJOR AQUIFER: _____ system _____ series K3 aquifer, formation, group E2
28 29 30 31
brindley sand
EUTAW (UNRS)

Lithology: US Origin: 6 Aquifer Thickness: _____ ft
32 33 34

Length of well open to: 207 ft Depth to top of: 248 ft
35 37 38 40 41 43

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____
44 45 46 47

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
48 49 50

Length of well open to: _____ ft Depth to top of: _____ ft
51 53 54 56 57 59

Intervals Screened: _____

Depth to consolidated rock: _____ ft Source of data: _____
60 63 64

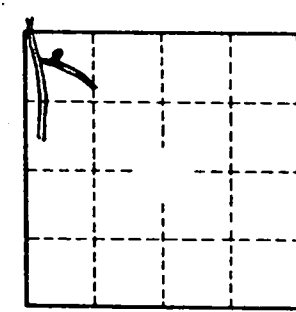
Depth to basement: _____ ft Source of data: _____
65 68 69

Surficial material: _____ Infiltration characteristics: _____
70 71 72

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____
73 75 76 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____
79

WL 190.0 3-23-67
WL 195.8 10-4-67



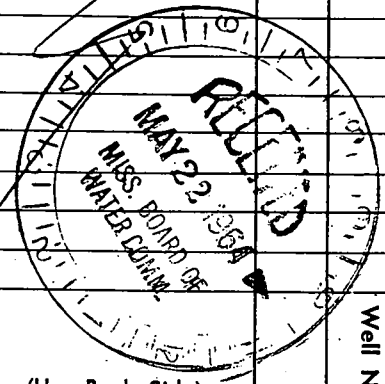
Well No. H 52

H 52
7-1-63

WATER WELL DRILLERS LOG

Date: 7/1, 1963, Driller: HERNDON WELL & SUPPLY CO. County Lee
P.O. BOX 42
SHANNON, MISSISSIPPI

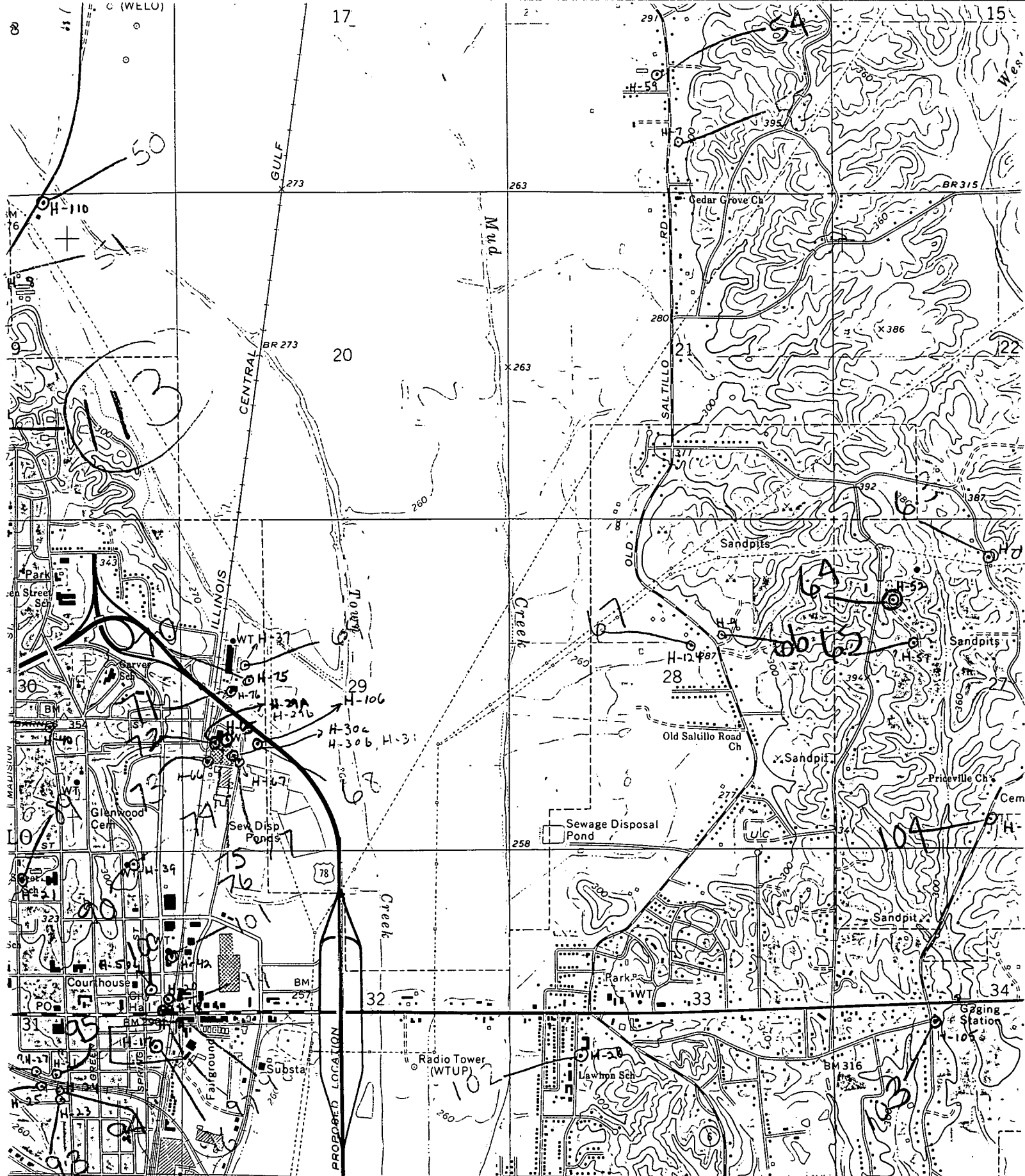
(1) Owner of Land:	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(Name) <u>Bill Watts</u> (Address) <u>Tupelo, Miss.</u>	<u>surface sand</u>		<u>0</u>
(2) Location: $\frac{1}{4}$, $\frac{1}{4}$, Sec <u>27 956 E</u> T R G <u>1</u> miles <u>NE</u> of <u>Tupelo</u> (distance) (direction) (Nearest Town)	<u>clay</u>		
(3) Topography: <u>Hilly</u> (Hilly) (Flat) (Level)	<u>bluish sand</u>		<u>150</u>
(4) Purpose of Well: <u>Domestic</u> (Domestic Irrigation Municipal, Industrial, Other)	<u>8</u>		<u>190</u>
Information upon completion of well:	<u>8</u>		<u>240</u>
(1) Diameter <u>4</u> inches.	<u>8</u>		<u>320</u>
(2) Total Depth <u>460</u> feet.	<u>8</u>		
(3) Water Level <u>130</u> feet below top of ground.	<u>Bottom</u>		<u>460</u>
(4) Cased to <u>253'</u> , Size <u>4"</u>	<u>See 123 sketch</u>		
(5) Screen: Size <u>—</u> , Length <u>—</u>			
(6) Were any formations sealed against pollution? <u>yes</u> , <u>no</u> .			
If YES depth of formation <u>275'</u>			
Why <u>Surface sand</u>			
Drillers Remarks: <u>new casing</u> <u>in rock hole</u>			
<u>145 R.L. 1415</u>			



Well No.

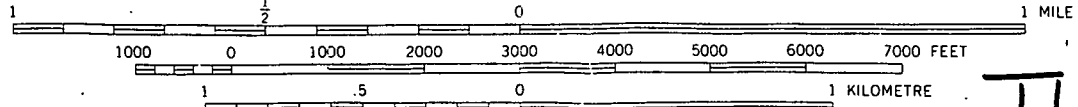
(Use Back Side)

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.



42'30" 343 344 (VERONA) 3252 II NW 345 PLANTERSVILLE 2.7 MI. 346 40' 347

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET
 DOTTED LINES REPRESENT 10-FOOT CONTOURS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

TUPELO
 QUAD

H-514 is



MISS.