Tupelo 38 H38 & 41a look like same well!

Well No. H 41

WRD Exp. (GW)
April 1966

UNUSED Test hole

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

E Log 25

TRANSMITTED FOR ADP

H38 may be test hole?

MASTER CARD

Record by Fred Thomson, Paul Grantham Source of data Observation & E log Date 7-15-66 Map

State MISSISSIPPI [28] County (or town) LEE [41]

Latitude: 34 19 41 N Longitude: 088 42 10 Sequential number: 1

Lat-long accuracy: 1 (S, E) T. 9S R 6 W, Sec 6, ~~NE~~ SW, SE ¼, SE ¼, ____ ¼ B & M

Local well number: H 04 1 20 06 09 S 06 E Other number: H 41

Local use: 05 30 25 766 22 Owner or name: Natchez Trace Parkway

Owner or name: NATCHEZ TRACE Address: Tupelo, Miss

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [F]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [U]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [T]

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: Original [O] Field aquifer char. [Z]

Hyd. lab. data: [ ]

Qual. water data; type: COMPLETE USGS [C]

Freq. sampling: [ ] Pumpage inventory: yes / no, period: [ ]

Aperture cards: [ ] yes

Log data: WIDCO & COMMERCIAL ELECTRIC LOGS [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 580 ft [580] Meas. (est) OBS accuracy [1]

Depth cased (first perf.): 560 ft [560] Casing type: STEEL; diam. 6 in [6]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf, (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [P]

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

Date Drilled: JULY '66 [9 6 6] Pump intake setting: ____ ft [ ]

Driller: T. M. PARKS, name; HOULKA, MISS, address

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

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. ____ [5] Trans. or meter no. ____

Descrip. MP 5 ft above / below LSD, Alt. MP 330

Alt. LSD: 325 [325] Accuracy: (source) TOPO MAP [5]

Water Level 79 ft above / below MP, Ft above / below LSD [74] Accuracy: MEAS [A]

Date meas: 8-22-66 [7 6 6] Yield: 10 gpm [10] Method determined [ ]

Drawdown: 5 ft [5] Accuracy: [0] Pumping period ____ hrs [ ]

QUALITY OF WATER DATA: Iron 1.5 ppm [5] Sulfate 4.2 ppm [0] Chloride 149 ppm [3] Hard. 138 ppm [4]

Sp. Conduct 707 K x 10^6 [4] Temp. 69 °F [69] Date sampled 7-22-66 [7 6 6]

Taste, color, etc. CLEAR & FAIRLY GOOD TASTE

Well No. H 41

Well No. H 4 B 38

Latitude-longitude 34 d 19 m 41 s N 88 d 42 m 10 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1–19] Physiographic Province: [20–21] 03 Section: [22] D Drainage Basin: [23–25] 13C Subbasin: [26]

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Φ) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat [27] H

MAJOR AQUIFER: ____ system, ____ series [28–29] K3 TUSCALOOSA (GORDO) aquifer, formation, group [30–31] GΦ

Lithology: [32–33] QG Origin: [34] 3 Aquifer Thickness: 80 ft

[35–37] 80 Length of well open to: 20 ft [38–40] 20 Depth to top of: 550 ft [41–43] 550

MINOR AQUIFER: ____ system, ____ series [44–45] ____ aquifer, formation, group [46–47] ____

Lithology: [48–49] ____ Origin: [50] ____ Aquifer Thickness: ____ ft

[51–53] ____ Length of well open to: ____ ft [54–56] ____ Depth to top of: ____ ft [57–59] ____

Intervals Screened: 585 – 605

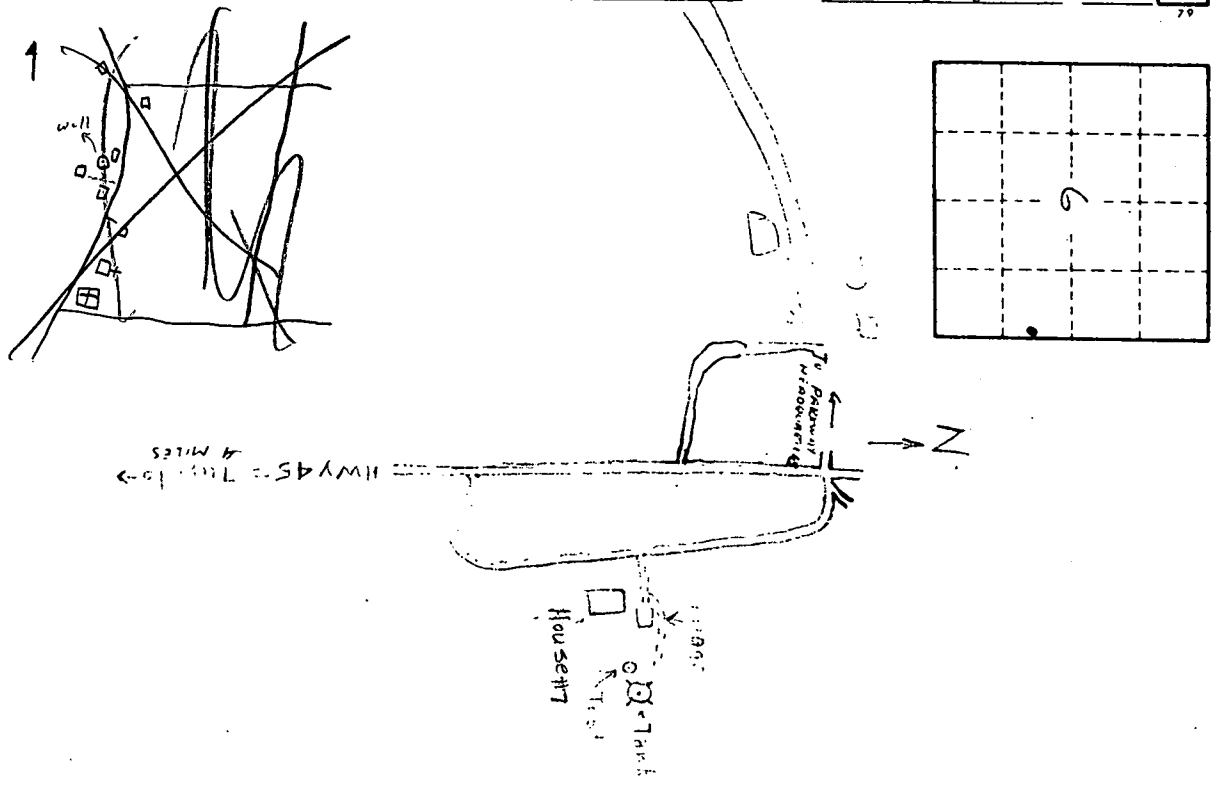
Depth to consolidated rock: — ft [60–63] ____ Source of data: [64] ____

Depth to basement: — ft [65–68] ____ Source of data: [69] ____

Surficial material: [70–71] ____ Infiltration characteristics: [72] ____

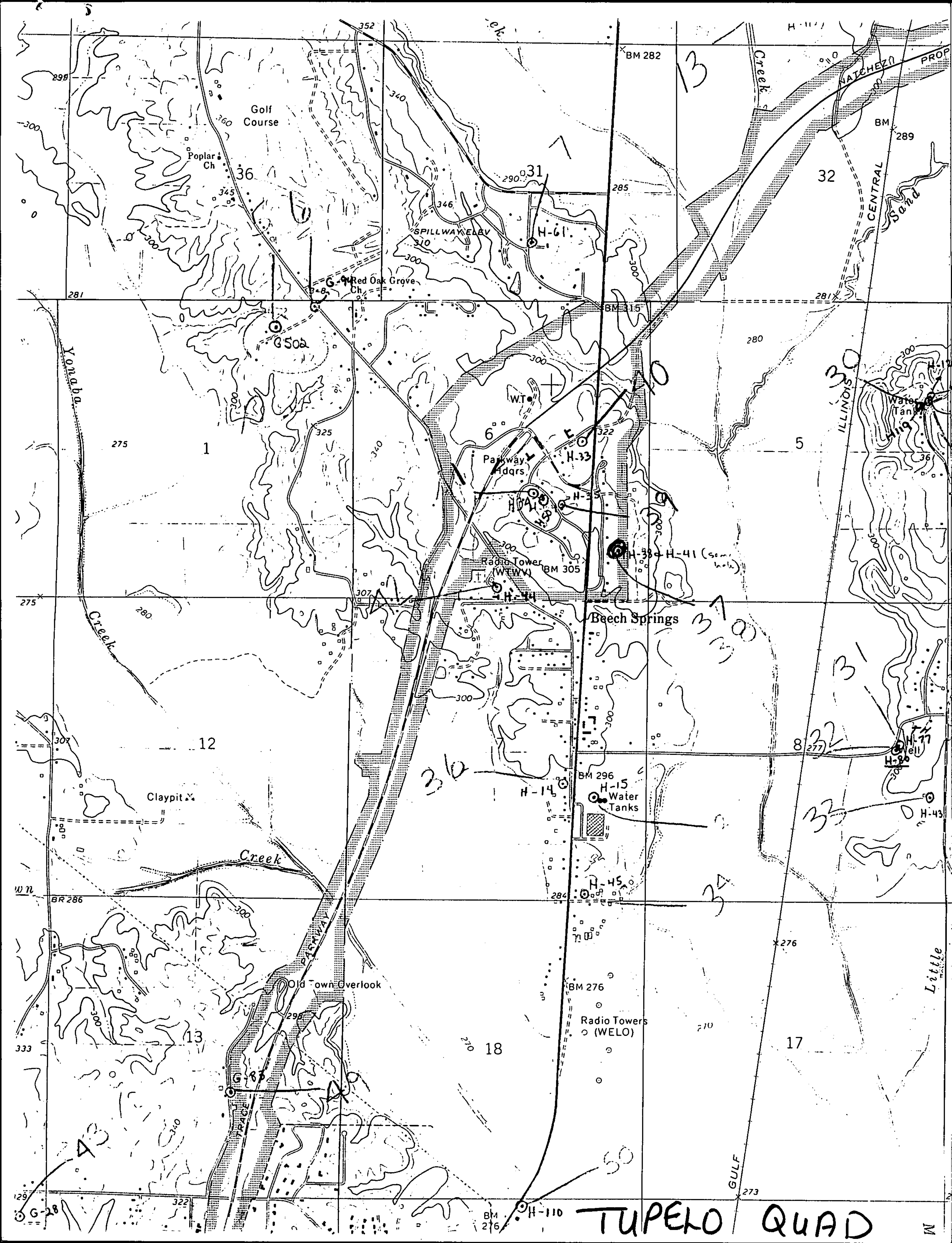
Coefficient Trans: 6,300 gpd/ft [73–75] 632 Coefficient Storage: — [76–78] ____

Coefficient Perm: 80 gpd/ft²; Spec cap: 2.8 gpm/ft; Number of geologic cards: [79] ____



Well No. H 4 B 38

GPO 857-700



Golf Course
Poplar Ch
36
31
32
BM 282
BM 289
NATCHEZ
CENTRAL
Sand
Creek
SPILLWAY ELEV 310
H-61
Red Oak Grove Ch
G-502
BM 315
281
280
W.T.
1
6
5
Parkway Hdqrs
H-33
H-34
H-35
H-38 H-41
Water Tank
ILLINOIS
Yonaba Creek
275
Radio Tower (WTWV)
BM 305
H-44
Beech Springs
12
8
Claypit
BM 296
H-14
H-15
Water Tanks
H-43
H-77
Well
H-80
Creek
BR 286
H-45
284
276
PARKWAY
Old Town Overlook
BM 276
Radio Towers (WELO)
13
18
17
Little
G-83
TRACE
GULF
273
G-28
H-110
BM 276
TUPELO QUAD