

Tupelo

WRD Exp. (GW)
April 1966

H 73

WELL SCHEDULE

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

TRANSMITTED FOR ADP

MASTER CARD

Record by W. A. ... Source of data Drilling Date 4/3/67 Map _____

State 28 County (or town) Zec 41

Latitude: 34⁵ 15⁷ 19⁹ N¹ Longitude: 088¹² 42¹⁵ 57¹⁸ Sequential number: 1

Lat-long accuracy: 4²⁰ T. 9²⁰ R. 6²⁰ Sec 31 NE 1/4 NW 1/4 SW 1/4

Local well number: 40738C3109506E Other number: 2 B & M

Local use: _____ Owner or name: Purnell Guide

Owner or name: PURNELLE PRIDE Address: Tupelo

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

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

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 0 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: 0 yes/no, period: _____

Aperture cards: _____ yes 0

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 500 ft Meas. 500 6

Depth cased: (first perf.) 200 ft Casing type: steel ; Diam. 12 in 12 accuracy

Finish: (C) concrete, (F) gravel w. (perf.), (G) (screen), (H) horiz. gallery, (I) open end, (J) (perforated), (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other P

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

Date Drilled: 1960 760 Pump intake setting: _____ ft

Driller: _____

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 S Deep 0 Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) 30 V Trans. or meter no. _____

Descrip. MP _____ ft above/below LSD. Alt. MP _____

Alt. LSD: 270 Accuracy: (source) 5

Water Level 99 ft above/below MP; Ft below LSD 99 Accuracy: D

Date meas: 1960 60 Yield: 225 gpm Method determined 01

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. _____

Well No. H 73

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 19 **Physiographic Province:** 03 **Section:** _____
22 **Drainage Basin:** 13C **Subbasin:** _____ 24

Topo 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) 27

MAJOR AQUIFER: _____ system _____ series K3 28 29 Eaton Shan _____ aquifer, formation, group EZ 30 31

Lithology: _____ US 32 33 **Origin:** _____ 6 34 **Aquifer Thickness:** _____ ft
35 36 37 **Length of well open to:** _____ ft 38 39 40 **Depth to top of:** _____ ft 41 42 43

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

Lithology: _____ 48 49 **Origin:** _____ 50 **Aquifer Thickness:** _____ ft
51 52 53 **Length of well open to:** _____ ft 54 55 56 **Depth to top of:** _____ ft 57 58 59

Intervals Screened: 200-500 slotted 7" pipe

Depth to consolidated rock: _____ ft 60 61 62 **Source of data:** _____ 64

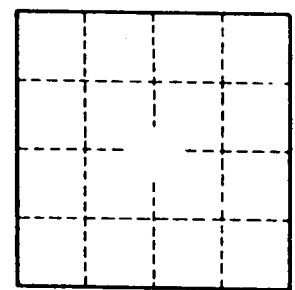
Depth to basement: _____ ft 63 64 65 **Source of data:** _____ 67

Surficial material: _____ 70 71 **Infiltration characteristics:** _____ 72

Coefficient Trans: _____ gpd/ft 73 74 **Coefficient Storage:** _____ 76 77

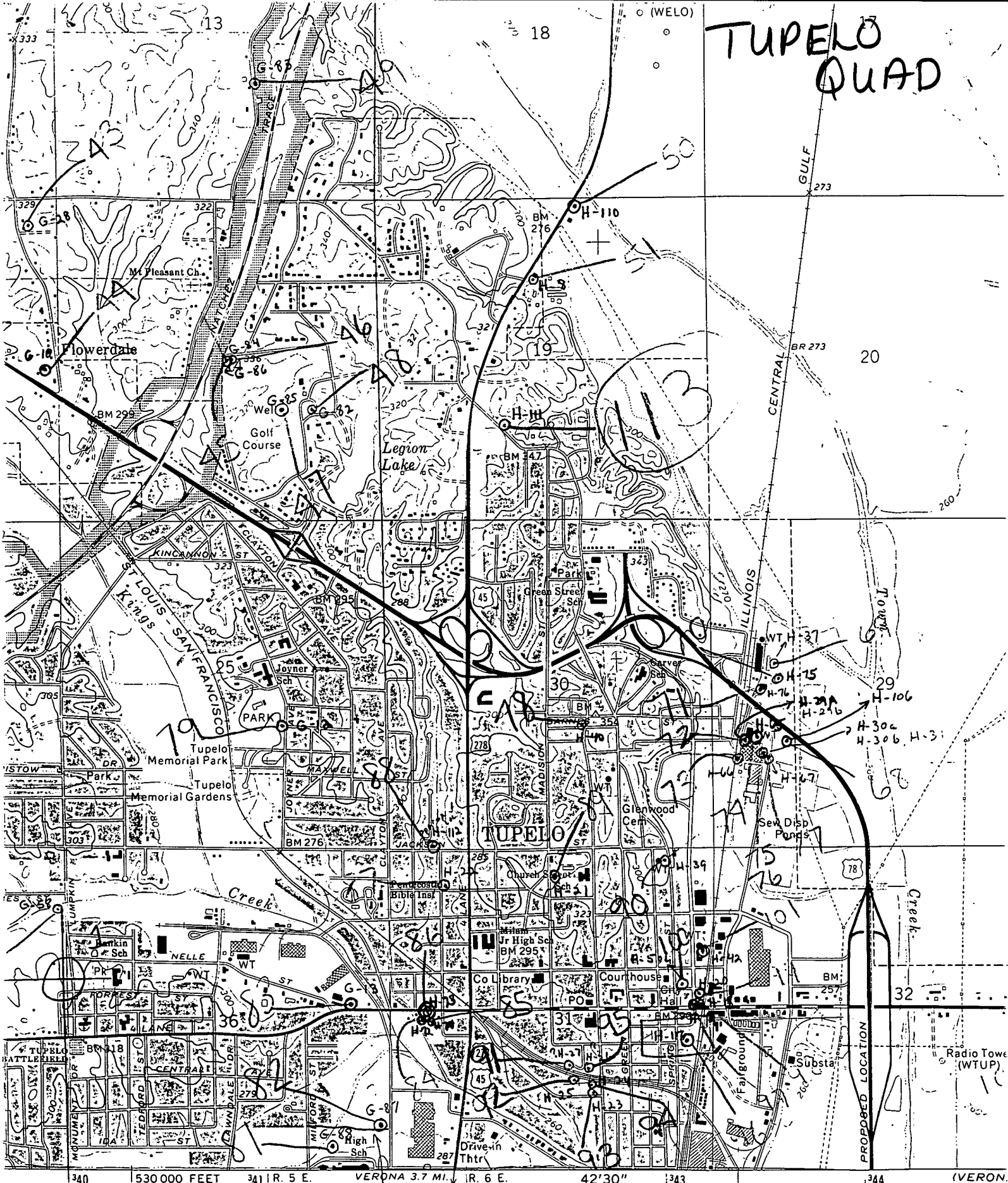
Coefficient Perm: _____ gpd/ft²; **Spec cap:** _____ gpm/ft; **Number of geologic cards:** _____ 79

See H 72 for 1st Ratch



Well No. H 73

TUPELO QUAD

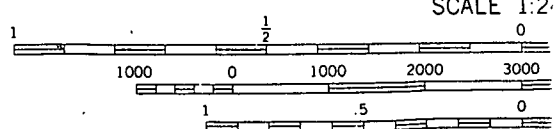
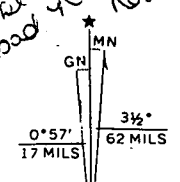


Published by the Geological Survey

USGS
metric methods from aerial
Field checked 1973

Grid ticks: Mississippi coordinate
(false Mercator)
transverse Mercator grid ticks,

There must be a road here now



SCALE 1:2

CONTOUR INTERVAL
DOTTED LINES REPRESENT
NATIONAL GEODETIC VERTI

H-514 is