

WRD Exp. (GW)
April 1966

Well No. J4

WELL SCHEDULE

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

MASTER CARD

Record by BE Ellison Source of data W.L. Whitener Date Oct 18, 1961 Map SW-NW, NE, NE

State 1 28 County (or town) 71

Latitude: 34 38 22 N S Longitude: 08 8 13 3 8 Sequential number: 1

Lat-long accuracy: 3 T. 5 N. 10 W. Sec 22 SWNW, NE, NE

Local well number: J004AA2205S10E Other number: B & M

Local use: _____ Owner or name: _____

Owner or name: W L WHITENER Address: _____

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, 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-gcs, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed U

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____ yes

Log data: Gamma Ray & Electric log # 10

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 570 Meas. rept accuracy: 6

Depth cased: 70 Casing type: _____; Diam. in: 8

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

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

Date Drilled: 9-4-61 Pump intake setting: _____

Driller: Loqua Central Memphis

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. Trans. or meter

Descrip. MP OK (11/89) ft above LSD, Alt. MP _____

Alt. LSD: 520 Accuracy: (source) Flay

Water Level: _____ ft above MP; _____ ft below LSD; 100 Accuracy: _____

Date meas: 0-6-1 Yield: _____ kpm _____ Method determined: _____

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.

J4

Well No. 54

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Province: 03 Section:

D Drainage Basin: 13B Subbasin:

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

P2 MAJOR AQUIFER: Paleozoic system series Y aquifer, formation, group PZ

Lithology: Origin: Aquifer Thickness: 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:

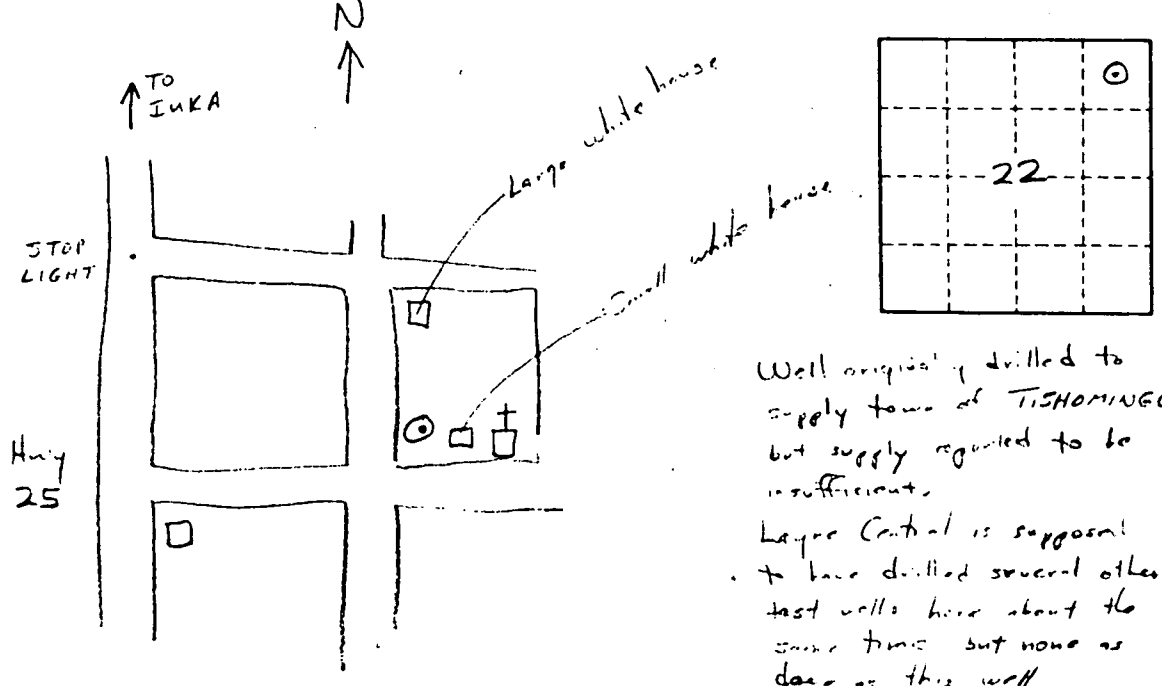
Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft² Coefficient Storage:

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



Well originally drilled to supply town of TISHOMINGO but supply required to be insufficient.

Large Central is supposed to have drilled several other test wells here about the same time but none as deep as this well.