

GW-00813 ?

Tuka Quad

WRD Exp. (GW)
April 1966

Well No. E6

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED
PUNCHED
JAN 11 1974

MASTER CARD

Record by E.H. Roswell Source of data Bill Kinard, Eng Date 5-28-65 Map _____

State 28 County (or town) 71

Latitude: 344849N Longitude: 0881204 Sequential number: 1

Lat-long accuracy: 3 T. 3 N. 10 Sec 13 S. SW, NW, SE, SW

Local well number: E006DCI303S10E Other number: _____

Local use: 064 Owner or name: TUKA Address: _____

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P, S, Res, (P) P

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

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

Hyd. lab. data: _____

Qual. water data; type: MSBGM 6/65 USGS 2/67 2-15-67

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

Aperture cards: _____

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: dvl 380 ft 360 Meas. rept accuracy 3

Depth cased; (first perf.) _____ ft 285 Casing type: _____; Diam. _____ in 12

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 5

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

Date Drilled: 3-65 965 Pump intake setting: top ft 180

Driller: Layne Central Memphis

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other 7 Deep Shallow

Power (type): diesel, el nat, gas, gasoline, hand, gas, wind; H.P. V Trans. or meter no. _____

Descrip. MP Top of casing which is 1 above LSD, Alt. MP _____

Alt. LSD: 570-580 570 Accuracy: (source) CI 20' 5

Water Level 73.70 ft below MP; Ft below LSD 73 Accuracy: _____ D

Date meas: 4-4-65 465 Yield: #0 gpm 776 Method determined _____

Drawdown: 6.3 ft 6 Accuracy: reported Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron 0.02 Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct 61 K x 10⁶ Temp. 61 Date sampled 2-15-67 267

Taste, color, etc. _____

Well No. E6

Well No. EG

HYDROGEOLOGIC CARD

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

SAME AS ON MASTER CARD
Physiographic Province: _____ Section: 03

Drainage Basin: D 18R Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) depression, stream channel, dunes, flat, hilltop, sink, swamp, (F) depression, stream channel, dunes, flat, hilltop, sink, swamp, (H) depression, stream channel, dunes, flat, hilltop, sink, swamp, (K) depression, stream channel, dunes, flat, hilltop, sink, swamp, (L) depression, stream channel, dunes, flat, hilltop, sink, swamp, (M) depression, stream channel, dunes, flat, hilltop, sink, swamp, (N) depression, stream channel, dunes, flat, hilltop, sink, swamp, (O) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) depression, stream channel, dunes, flat, hilltop, sink, swamp, (Q) depression, stream channel, dunes, flat, hilltop, sink, swamp, (R) depression, stream channel, dunes, flat, hilltop, sink, swamp, (S) depression, stream channel, dunes, flat, hilltop, sink, swamp, (T) depression, stream channel, dunes, flat, hilltop, sink, swamp, (U) depression, stream channel, dunes, flat, hilltop, sink, swamp, (V) depression, stream channel, dunes, flat, hilltop, sink, swamp, (W) depression, stream channel, dunes, flat, hilltop, sink, swamp, (X) depression, stream channel, dunes, flat, hilltop, sink, swamp, (Y) depression, stream channel, dunes, flat, hilltop, sink, swamp, (Z) depression, stream channel, dunes, flat, hilltop, sink, swamp

MAJOR AQUIFER: system _____ series Y1 Fort Payne Chert aquifer, formation, group FP

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: 285 - 360' 75' x 8" SS screen

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

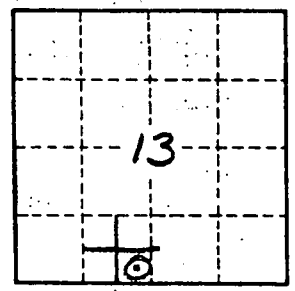
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

400 gpm @ #60th, 9.3' dd
Well to be operated at about 750 gpm
Little well (E5) to be left in use.
Two old Gordo wells will be standby after completion of changeover

Short Pumping Test: BE Wasson
325 gpm
35 ft dd



Bill Kinross, Corinth
King & Kinross, Memphis

Well No. EG

clay	0-10
Sand clay-gravel	10-54
loam	54-61
rock, sand-gravel	61-84
clay & rock	84-107
gravel	110-168
hard clay	168-173
sand, gravel, clay & rock	173-228
hard rock	228-230
rock, clay, gravel	230-289
rock	289-380
rock - soft piece	380-580