WRD Exp. (GW)
April 1966

Well No. K3

REPLACEMENT WELL SCHEDULE

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

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

MBH
E.B. Wall

Record by P.E. Granthem Source of data Mayor RS Price Date 11-30-67 Map

State Mississippi 2 28 County (or town) Pike 8 57

Latitude: 31 00 26 N Longitude: 090 28 20 Sequential number: 1

Lat-long accuracy: 3 T. 1 N, R 7 W, Sec 35, NW ¼, NE ¼, SW ¼

Local well number: K003AC3501N07E Other number: Well #1 B & M

Local use: X10 Owner or name: Town of Osyka

Owner or name: TOWN OF OSYKA Address: Mi school & tank

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

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 R U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (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: USGS Complete 3/68 / MSBOH 1960 C

Freq. sampling: Original Φ Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 1187 Meas. rept accuracy 6

Depth cased; (first perf.) ft 1137 Casing type: Diam. 10,8 in 10

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

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: 1946 946 Pump intake setting: ft

Driller: Gray Art. Well Co. (name, address)

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

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 15 U Trans. or meter no.

Descrip. MP Breather hole in pump base 1.3 ft above below LSD Alt. MP

Alt. LSD: 210 Accuracy: 2.80 10/30/81 (source) 5

Water Level 38.38 ft above below MP; Ft above below LSD 37 Accuracy: A

Date meas: 11/7/68 N68 Yield: gpm 105 Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron .3 ppm 2 Sulfate 0 ppm 0 Chloride 5.0 ppm Hard. 6.0 ppm

Sp. Conduct <50 K x 10^6 0 Temp. 68 °F 20 Date sampled 3-7-68 368

Taste, color, etc. Field PH= 5.9

K3 - K28 20ft
K28 running
10/30/81
53
11.9
4-1.1
1.3
39.8
280
40
240

Well No. K3

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Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section:

D (22) Drainage Basin: 14H (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system, series TM (28–29) aquifer, formation, group M2 (30–31) Probably

Lithology: 45 (32–33) Origin: 2 (34) Aquifer Thickness: ft

(35–37) Length of well open to: ft 50 (38–40) Depth to top of: ft (41–43)

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: 30' of .020" 8"

Depth to consolidated rock: ft (60–63) Source of data: (64)

Depth to basement: ft (65–68) Source of data: (69)

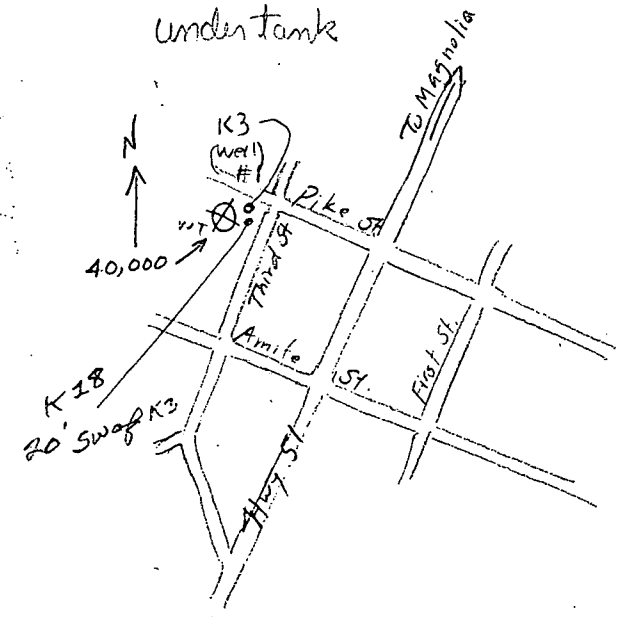
Surficial material: (70–71) Infiltration characteristics: (72)

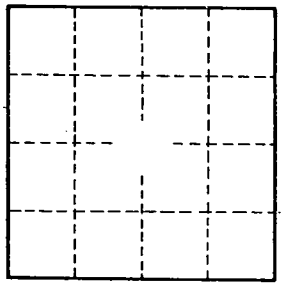
Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

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

under tank

Old WL 32'
3-11-70
Well not in use, pumping sand. WTD





Well No. K3

±725 pop (10-67)
100,000
40,000
125,000

GPO 857–700

See ltr from Driller to MBH (1946)