ID 314938089255602

WRD Exp. (GW)
April 1966

Well No. R4

WELL SCHEDULE

2722C

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J. A. Callahan Source of data W.F. Carter Date 12-9-66 Map

State Miss 40 [28] County (or town) Smith 40 [65]

Latitude: [31 49 38 N] deg min sec N S Longitude: [089 25 56] 12 degrees 15 min sec 18 Sequential number: [2]

Lat-long accuracy: [3] T. 10 S, R 14 W Sec 17, SE ¼, SW ¼, ____ ¼ B & M

Local well number: R 04 dC 1 7 10 N 14 W Other number: #2

Local use: [064] Owner or name: Town of Taylorsville

Owner or name: TAYLORSVILLE Address: ____

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 [P]

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 [W]

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: ____ [Φ] Field aquifer char. [X]

Hyd. lab. data: ____ [ ]

Qual. water data; type: USGS Complete 11-28-67 [C]

Freq. sampling: Original [Φ] Pumpage inventory: yes no, period: ____ [ ]

Aperture cards: ____ yes [ ]

Log data: ____ [D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 354 ft [354] Meas. (rep) rep' [6]

Depth cased: (first perf.) 306 ft [306] Casing type: Steel; Diam. 16" X 10" X 6 in accuracy [6]

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, (Z) 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: 1963 [963] Pump intake setting: ____ ft [ ]

Driller: Layne Central Co. Jackson Miss (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 [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 30 [V] Trans. or meter no. ____

Descrip. MP ____ above/below LSD. Alt. MP ____

Alt. LSD: 2801 [280] Accuracy: (source) ____ [4]

Water Level 30 ft above/below MP; Ft above/below LSD [30] Accuracy: Rept [G]

Date meas: [563] Yield: 350 gpm [350] Method determined [ ]

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

QUALITY OF WATER DATA: Iron .85 ppm [4] Sulfate 10 ppm [0] Chloride 24 ppm [0] Hard. 8 ppm [0]

Sp. Conduct 125 K x 10^6 [2] Temp. 67 °F [19] Date sampled 11-29-67 [N67]

Taste, color, etc. Field pH = 5.9 CO_2 = 32.5

12/9/81
90
56.2
33.8
1.5
32.3
280
32
248

R4

Well No. R4

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: [130] (23–25) Subbasin: [0] (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 [T] (27)

MAJOR AQUIFER: Tertiary (system), Miocene (series) [TM] (28–29) Catahoula (aquifer, formation, group) [CA] (30–31) (Basal)

Lithology: Sand [US] (32–33) Origin: _____ [2] (34) Aquifer Thickness: _____ ft

[ ] (35–37) Length of well open to: _____ ft [48] (38–40) Depth to top of: _____ ft [279] (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: _____

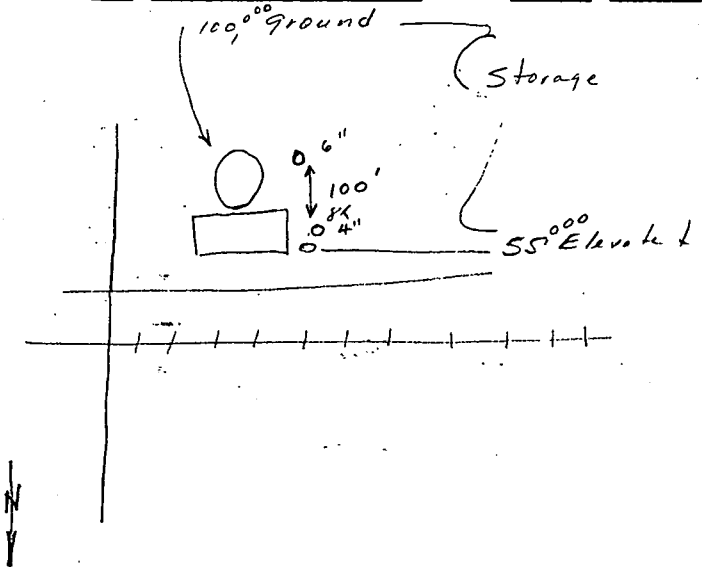
Depth to consolidated rock: _____ ft [ ] (60–63) Source of data: _____ [ ] (64)

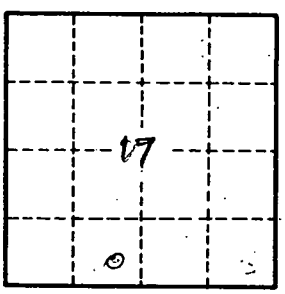
Depth to basement: _____ ft [ ] (65–68) Source of data: _____ [ ] (69)

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)





Well No.

GPO 857-700

GWSI UPDATES

Well No R4
County SMITH

Item No	Change From	To	Requested by Initial	Date	Updated by Initial	Date
C9	314938	314940	BRR	12.1.94	[illegible]	01-23-95
C14	—	TAYLORSVILLE	"	"	[illegible]	01-23-95