FORM 9-1642
(1-68)

Well No. G 54

WELL SCHEDULE

2348

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

PURGED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J.S. Source of data Bowc Date 10/69 Map

State 2 [28] County (or town) Lauderdale. [38]

Latitude: 32 51 9 N (deg min sec) Longitude: 088 45 17 (degrees min sec) Sequential number: 1

Lat-long accuracy: 3 T. 7 N, R. 15 W, Sec 27, ¼, SE ¼, NW ¼ B & M

Local well number: G054DB2707N15E Other number:

Local use: 160 Owner or name:

Owner or name: RAYBURN RUSH Address: Rt #2, Meridian.

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

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) Stock, (S) Instit, (T) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Z) Other — H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. — W

DATA AVAILABLE: Well data [70] Freq. W/L meas.: [71] Field aquifer char. [72]

Hyd. lab. data: [73]

Qual. water data; type: [74]

Freq. sampling: [75] Pumpage inventory: yes / no, period: [76]

Aperture cards: yes [77]

Log data: D [78 79]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD [1 19] Depth well: ft 385 [20 23] Meas. rept accuracy 3 [24]

Depth cased: (first perf.) ft 188 [25 28] Casing type: Black Iron Diam. in 4 [29 30]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, (S) (T) sd. pt., (W) shored, (X) open hole, (Z) other — X [31]

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 [32]

Date Drilled: 9 6 9 [33 35] Pump intake setting: ft [36 38]

Driller: 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 [39] Deep Shallow [40]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 3/4 [41] Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 360 [42 45] Accuracy (source): [47] 6

Water Level 86 ft above below MP; Ft above below LSD 816 [48 51] Accuracy: [52] D

Date meas: 7 6 9 [53 55] Yield: gpm 12 [56 60] Method determined [61]

Drawdown: ft [62 64] Accuracy: [65] Pumping period hrs [66 68]

QUALITY OF WATER DATA: Iron ppm [69] Sulfate ppm [70] Chloride ppm [71] Hard. ppm [72]

Sp. Conduct K x 10^6 [73] Temp. °F [74 76] Date sampled [77 79]

Taste, color, etc.

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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: 13P (23–25) Subbasin: (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 (27)

MAJOR AQUIFER: system, series TE (28–29) aquifer, formation, group TU (30–31)

Lithology: U S (32–33) Origin: 3 (34) Aquifer Thickness: ≥85 ft

(35–37) Length of well open to: ft 85 (38–40) Depth to top of: 210 ft 210 (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:

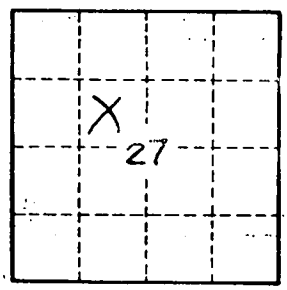
Depth to consolidated rock: ft (60–63) Source of data: (64)

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/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)



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