FORM 9-1642
(1-68)

Well No. M45

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by: J. S. — Source of data: Owner — Date: 8/69 — Map:

State: 28 — County (or town): Lauderdale 38

Latitude: 32 22 31 N — Longitude: 088 47 18 — Sequential number: 1

Lat-long accuracy: 3 — T. 6 N, R 15 E, Sec 8, NE ¼ SW ¼ — B & M

Local well number: M045AC0806N15E — Other number:

Local use: 008 — Owner or name:

Owner or name: DELBERT TURNER — Address: 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) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) 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 — Freq. W/L meas.: Ø — Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards: yes

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 250 ft — Meas. rept accuracy

Depth cased: (first perf.) 217 ft — Casing type: Black — Diam. 4 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (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 rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — R

Date Drilled: 7 67 — Pump intake setting: ft

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 — S — Deep Shallow

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

Descrip. MP — ft above below LSD, Alt. MP

Alt. LSD: 400 — Accuracy: (source) 6

Water Level: 145 ft above below MP; Ft above (below) LSD 145 — Accuracy: D

Date meas: 7 69 — Yield: 10 gpm — Method determined

Drawdown: ft — Accuracy: — Pumping period hrs

QUALITY OF WATER DATA: Iron ppm — Sulfate ppm — Chloride ppm — Hard. ppm

Sp. Conduct K x 10^6 — Temp. °F — Date sampled

Taste, color, etc.

Well No. M 45

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19)

Physiographic Province: ___ [20–21] 0 3 Section: ___

[22] D Drainage Basin: ___ [23–25] 13P Subbasin: ___ [26]

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

MAJOR AQUIFER: ___ system, ___ series [28–29] TE ___ aquifer, formation, group [30–31] MW

Lithology: ___ [32–33] US Origin: ___ [34] 2 Aquifer Thickness: <113 ft

[35–37] Length of well open to: ___ ft [38–40] 113 Depth to top of: ___ ft [41–43] 234

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]

		o	
	x		

Well No. 1-14-9