WRD Exp. (GW)
April 1966

Well No. E 8

WELL SCHEDULE

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

MASTER CARD

Record by J. Shell Source of data BGWC Date 11/68 Map

State [2 8] (1-2) County (or town) Marion [4 6] (3-4)

Latitude: [3 1 | 7 4 | N] (5-11) deg 7 min 9 sec N S Longitude: [0 9 0 | 0 1 5 | 9] (12-18) degrees 15 min sec Sequential number: [1] (19)

Lat-long accuracy: [3] (20) T. 4 N, R 12 W, Sec 19, ¼, SE ¼, SW ¼ B & M

Local well number: [E 0 0 8 | 0 C | 1 9 | 0 4 N | 1 2 E] (21-34) Other number:

Local use: [0 2 9] (35-51) Owner or name:

Owner or name: [M. J. SINAI] (52-66) Address: Morgantown

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [P] (67)

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] (68)

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] (69)

DATA AVAILABLE: Well data [ ] (70) Freq. W/L meas.: [Ø] (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 [1 4 8] (20-23) Meas. rept accuracy [3] (24)

Depth cased: (first perf.) ft [1 4 2] (25-28) Casing type: Plastic; Diam. in [4] (29-30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [S] (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 8] (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 [D] (40)

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

Descrip. MP ft above below LSD, Alt. MP

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

Water Level -130 ft above below MP; Ft below LSD [1 3 0] (48-51) Accuracy: [D] (52)

Date meas: [3 6 8] (53-55) Yield: gpm [ ] (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: 13V (23–25) Subbasin: (26)

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

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

Lithology: 95 (32–33) Origin: 2 (34) Aquifer Thickness: 70 ft

Length of well open to: (35–37) ft Depth to top of: 60 (38–40) ft 78 (41–43)

MINOR AQUIFER: system, series (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

Length of well open to: (51–53) ft Depth to top of: (54–56) ft (57–59)

Intervals Screened: 4" dia Sch 40

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

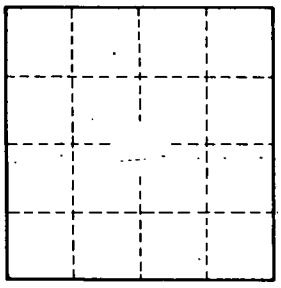
Depth to basement: ft (65–68) Source of data: (69)

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)

13 mi. W/NW of Columbia



0-12 Topsoil / Red Clay

12-78 Red sand

78-110 Gravel big

110-148 Gravel small

Well No. E

GPO 857-700