FORM 9-1642
(1-68)

Well No. D-27

PUNCHED

MAY 27 1975

WELL SCHEDULE

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

MASTER CARD

Record by J. M. Source of data BOWC Date 8-71 Map

State [28] County (or town) DeSoTo [17]

Latitude: 34 58 10 N (deg min sec N/S) Longitude: 089 47 05 (degrees min sec) Sequential number: [1]

Lat-long accuracy: [3] T 1 N R 6 E Sec 25, SW ¼, NE ¼, ¼ B & M

Local well number: D 0 C A 2501 5016 W Other number:

Local use: 213 Owner or name:

Owner or name: OLIVER MCKINNEY Address: OLIVE BRANCH

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, (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. [ ]

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: [ ] ft [200] Meas. rept [3] accuracy

Depth cased: (first perf.) [ ] ft [180] Casing type: PLC ; Diam. 4 in [4]

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 [5]

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: [971] Pump intake setting: [ ] ft

Driller: Bob Smith (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 [ ] Deep Shallow

Power (type): diesel, elect, nat gas, gasoline, hand, LP gas, wind; H.P. ½ [5] Trans. or meter no.

Descrip. MP [ ] ft above below LSD, Alt. MP [ ]

Alt. LSD: [ ] Accuracy: (source) [ ]

Water Level [ ] ft above below MP; Ft above below LSD [120] Accuracy: [ ] [D]

Date meas: [571] Yield: 10 gpm [10] 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. D-27

Well No. D

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: 15E (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system, series 7E (28–29) aquifer, formation, group SU (30–31)

Lithology: US (32–33) Origin: 2 (34) Aquifer Thickness: 40 ft

Length of well open to: (35–37) ft Depth to top of: 20 (38–40) ft 160 (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" PLC

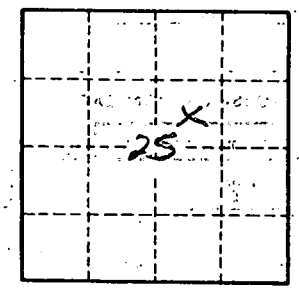
Depth to consolidated rock: ft (60–63) Source of data: (64)

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)



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GPO 937-142