FORM 9-1642
(1-68)

Well No. C 58

WELL SCHEDULE

Elog #43

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

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by WTR Source of data Obs. driller Date 9/70 Map

State 28 County (or town) YALOBUSHA 81

Latitude: 34 10 18 N (deg min sec) Longitude: 089 38 40 (degrees min sec) Sequential number: 1

Lat-long accuracy: 2 T 10 S R 4 W Sec 5 NE ¼, NW ¼, NE ¼

Local well number: C058BA3210S04W Other number: B & M Well #2

Local use: 002043 Owner or name: Water Valley

Owner or name: WATER VALLEY Address: WATER VALLEY

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) S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — Moths Inc. chicken processing; Water sample — N

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.: [ ] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: [ ] Pumpage inventory: yes [ ] no; period: [ ]

Aperture cards: [ ] yes [ ]

Log data: Elog 5' - 240' — E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: [ ] ft 153 Meas. rept [ ] accuracy 3

Depth cased; (first perf.) [ ] ft 113 Casing type: [ ]; Diam. 20x12x10 in 20

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other, (X) 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: 970 Pump intake setting: [ ] ft

Driller: R. RATLIFF (name), GRENADA (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 [ ]

Power (type): diesel, (elec), nat gas, LP gas, gasoline, hand, wind; H.P. 75 — V; Trans. or meter no. [ ]

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

Alt. LSD: [ ] 360 Accuracy: (source) T 4

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

Date meas: [ ] Yield: [ ] gpm 800 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. [ ]

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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: 15F (23–25) 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 TE (28–29) aquifer, formation, group MW (30–31)

Lithology: 4S (32–33) Origin: 2 (34) Aquifer Thickness: ft

30 (35–37) Length of well open to: ft 40 (38–40) Depth to top of: ft (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:

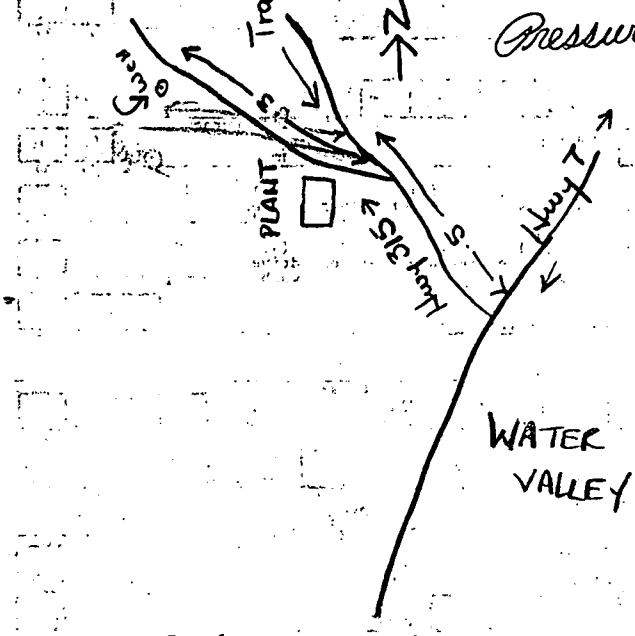
Depth to consolidated rock: ft (60–63) Source of data: (64)

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

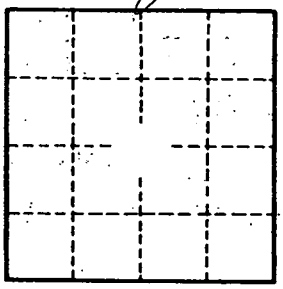
Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: (79)



Pressure storage tank of 10,000 gals.



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Would be able to run a pumping test using an orifice pipe. 8" pipe from pump to storage tank with removable plate.

W.L cannot be measured.

GPO 937-142