FORM 9-1642
(1-68)

Well No. J 16

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by B. D. Source of data BOWC Date 12-70 Map

State [2 8] County (or town) Clarke [1 2]

Latitude: [3 2 deg 0 7 min 0 6 sec N] N S Longitude: [0 8 12 degrees 8 3 15 min 3 5 7 sec 18] Sequential number: [1 19]

Lat-long accuracy: [3 20] T. 3 (N) S, R. 17 (E) W, Sec. 9, ¼, SE ¼, NW ¼ B & M

Local well number: [J 0 1 6 D 25 B 0 9 0 3 30 N 1 7 E 34] Other number:

Local use: [1 6 0 35 40 45 51] Owner or name:

Owner or name: [D O N A L D C A M P B E L L 32 56 61 66] Address: Quitman, Ark.

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.: [ ] [0] 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 [4 3 5 20 23] Meas. rept accuracy [3] 24

Depth cased; (first perf.) [ ] ft [3 0 9 25 28] Casing type: [B-K]; Diam. [ ] in [4 29 30]

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, (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 [F] 32

Date Drilled: [ ] [7 7 0 33 35] Pump intake setting: [ ] ft [36 38]

Driller: Williamson name, [ ] address

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, multiple (cent.), 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] [5] 41 Trans. or meter no. [ ]

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

Alt. LSD: [ ] [4 6 5 42 45] Accuracy: (source) [ ] 47 [5]

Water Level [170] ft above below MP; Ft (above) below LSD [1 7 0 48 51] Accuracy: [ ] 52 [D]

Date meas: [ ] 53 [0 7 0 55] Yield: [ ] gpm [56 60] [10] 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: [0 3] (20–21) Section: [ ]

Drainage Basin: D (22) Subbasin: [1 3 P] (23–25) [ ] (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 [T E] (28–29) ____ aquifer, formation, group [M W] (30–31)

Lithology: [U S] (32–33) Origin: [2] (34) Aquifer Thickness: ≥85 ft

[8 5] (35–37) Length of well open to: ____ ft [8 5] (38–40) Depth to top of: ____ ft [3 2 0] (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: Open

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

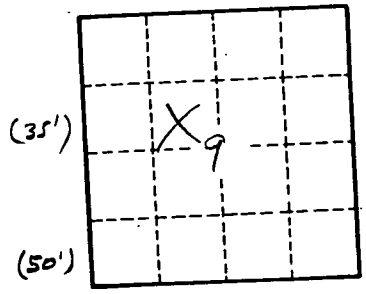
Depth to basement: ____ ft [ ] (65–68) Source of data: ____ [ ] (69)

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)

Blue clay 280 - 320 ft
Sand 320 - 355
Blue clay 355 - 395
Sand 395 - 445



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GPO 937-142