OR 8/3/78

FORM 9-1642
(1-68)

Well No. J 19

WELL SCHEDULE

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

PUNCHED

TRANSMITTED FOR ADP

MASTER CARD

Record by J. S. Source of data BOWC Date 3/70 Map

State 28 County (or town) DeSoto 17

Latitude: 34 48 30 N S Longitude: 090 11 30 Sequential number: 1

Lat-long accuracy: 5 T. 3 S R. 9 W Sec. 19 ¼ ¼ ¼ ¼ B & M

Local well number: T0 19 19 03S 09W Other number:

Local use: 009 Owner or name: Lake of the Hills Maintenance Association. See Leslie Carlson for water use data.

Owner or name: ~~TRI-CITY WATER~~ LAKE OF THE HILLS Address:

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

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 — Open discharge—pumps directly into lake — R

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

DEC 3 mDT ✓

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: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: [ ] ft 433 Meas. rept accuracy 3

Depth cased; (first perf.) [ ] ft 388 Casing type: Steel. ; Diam. [ ] in 8

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 — S

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: 9 6 6 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 — T Deep [ ] Shallow [ ]

Power (type): diesel, (elec), nat gas, LP gas, gasoline, hand, wind; H.P. 30 — V Trans. or meter no. [ ]

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

Alt. LSD: [ ] 300 Accuracy: (source) [ ] 4

Water Level 116 ft above below MP; Ft above (below) LSD 176 Accuracy: [ ] D

Date meas: [ ] 5 6 6 Yield: [ ] gpm 500 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. J 19

SOA ROT CETTINGHST

Well No. J 19

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: _____

[D] (22) Drainage Basin: [1 5 E] (23–25) Subbasin: [ ] (26)

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

MAJOR AQUIFER: _____ system; _____ series [T E] (28–29) _____ aquifer, formation, group [S S] (30–31)

Lithology: _____ [S S] (32–33) Origin: _____ [ ] (34) Aquifer Thickness: 50 ft

[ ] (35–37) Length of well open to: _____ ft [4 5] (38–40) Depth to top of: _____ ft [3 8 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: 611 55

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

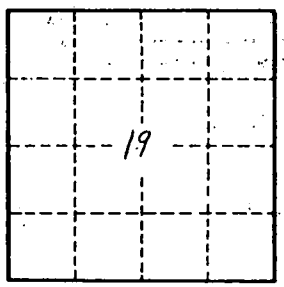
Depth to basement: _____ ft [ ] (65–68) Source of data: _____ [ ] (69)

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)

See well J4 for location.



description of formations encountered	from	to
Red Clay	54'	118'
Shale	118'	168'
White Soft Rock	168'	170'
Grey Sand	170'	242'
Hard Rock	242'	262'
Shale	262'	380'
Sand with Shale Streaks	380'	430'

Well No. J 19

GPO 937-142