FORM 9-1642
(1-68)

Well No. M17

Elog # 50

WELL SCHEDULE

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

PUNCHED
OCT 30 1973

MASTER CARD

Record by WTO Source of data Bowc Obs driller Date 9-6-73 Map

State MISS [28] County (or town) PANOLA [54]

Latitude: 34 20 34 N Longitude: 089 55 59 Sequential number: 1

Lat-long accuracy: [2] T 8 S R 7 W Sec 34, ¼, SW ¼, NE ¼ B & M

Local well number: M 17 C A 34 08 S 07 W Other number:

Local use: 064050 Owner or name:

Owner or name: THERMOS, INC POLARAN PROD Address: Batesville

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 [N] Z

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.: [Φ] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: [ ] Pumpage inventory: yes / no, period: [ ]

Aperture cards: yes [ ]

Log data: Elog 30'-360' 460'-560' 805'-1096' [D] [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft [449] Meas. rept [3]

Depth cased: (first perf.) ft [409] Casing type: ; Diam. accuracy 10X6 in [10]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (X) other, (Z) 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: 9-6-73 [973] Pump intake setting: ft

Driller: SINGER LAYNE (name), MEMPHIS TENN. (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, gas, gasoline, hand, nat gas, LP gas, wind; H.P. 60 [V] Trans. or meter no.

Descrip. MP 215 ft above below LSD, Alt. MP

Alt. LSD: [210] Accuracy: (source) topo [4]

Water Level ft above below MP; Ft above below LSD [+19] Accuracy: [D]

Date meas: [973] Yield: gpm [200] Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^5 Temp. °F Date sampled

Taste, color, etc.

11/7/79 B Bass
+ 19.0
MP + 2
+ 21.0

213

Well No. _____

Latitude-longitude _____ N S
d m s d m s

HYDROGEOLOGIC CARD

PUNCHED

[ ] STER CARD 19 Physiographic Province: _____ [0 3] 20 21 Section: _____

[D] 22 Drainage Basin: _____ [1 5 F] 23 25 Subbasin: _____ [ ] 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: 65 ft

[ ] 35 37 Length of well open to: _____ ft [4 0] 38 40 Depth to top of: 390 ft [3 9 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: _____

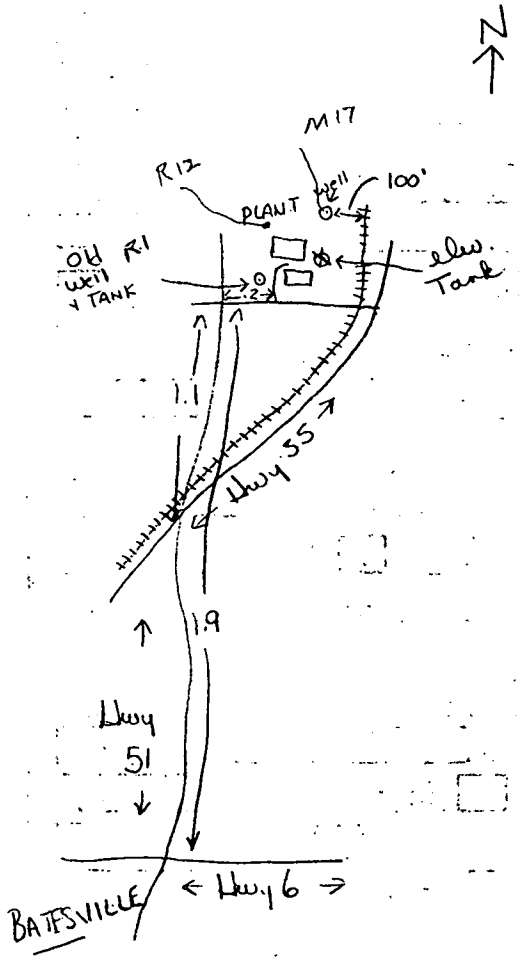
Depth to consolidated rock: _____ ft [ ] 60 63 Source of data: _____ [ ] 64

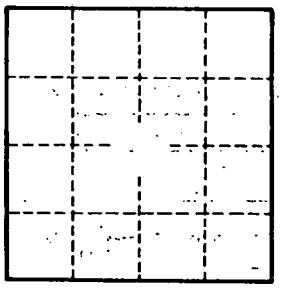
Depth to basement: _____ ft [ ] 65 68 Source of data: _____ [ ] 69

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





Well No. _____

GPO 937-142