

WELL SCHEDULE

E-log #19

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

MASTER CARD J.M.
Record by GJD Source of data Bowl Dr. E-log Date 7-15-71 Map 1:62,500 New Albany

State 28 County (or town) Union Co. 73

Latitude: 34 28 25 N Longitude: 088 59 20 Sequential number: 1

Lat-long accuracy: 20 T 7 S R 3 W. Sec 16, NE 1/4, NW 1/4, SE 1/4

Local well number: H 04 1 B D 16 07 S 03 E Other number: B & M

Local use: 06 40 19 Owner or name: Denton Mills

Owner or name: DENTON MILLS Address: New Albany

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Insit, (O) Unused, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other N

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) 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: E-log 7' - 1170' D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 10 10 29 ft 1 0 2 3 Meas. rept accuracy 3

Depth cased: (first perf.) 9 1 8 ft Casing type: 1 0 in Diam.

Finish: porous concrete, gravel w. (perf.), (screen), (gall. end), (horiz. open), (perfor.), (screen), (sd. pt.), (shored), (open hole), (other) S

Method drilled: (A) air rot, (B) bored, (C) cab.e., (D) dug, (E) hyd jetted, (F) air rot., (G) percussion, (H) rotary, (I) reverse, (J) driven, (K) wash, (L) other H

Date drilled: 7-15-71 9 7 1 Pump intake setting: 36 ft 38

Driller: Singer Lumber Memphis Tenn.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) submerg, (J) turb, (K) other T Deep Shallow

Power (type): diesel, gas, gasoline, hand, gas, wind; H.P. 50 70638 V Trans. or meter no. 50

Descrip. MP 380 ft above below LSD, Alt. MP 5

Alt. LSD: 380 Accuracy: (source) Topo 5

Water Level: 166 ft above below MP; 166 ft above below LSD Accuracy: A

Date meas: 078 Yield: 30 gpm 250 Method determined 61

Drawdown: 078 ft Accuracy: 65 Pumping period: 66 hrs 68

QUALITY OF WATER DATA: Iron 69 ppm Sulfate 70 ppm Chloride 71 Hard. 72 ppm

Sp. Conduct 73 K x 10 74 Temp. 75 °F Date sampled 76 77 79

Taste, color, etc.

PROTECTED

Well No. H 41

Well No. H A1

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 15E Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat S

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group E2

Lithology: U5 Origin: 6 Aquifer Thickness: 100? ft

Length of well open to: _____ ft 105 Depth to top of: _____ ft 918

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft _____ Depth to top of: _____ ft _____

Intervals Screened: 6" Stainless Steel 918'-1023'

Depth to consolidated rock: _____ ft _____ Source of data: _____

Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

