

GW544

DOH # 730021-01
GPSd 6/10/99 DH/PP

New Albany E.

FORM 9-1642
(1-68)

Well No. H 41

WELL SCHEDULE E-log #19

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

MASTER CARD J.M. BOWE
Record by GJD Source of data E-log Date 7-15-71 Map New Albany East
State 28 County Union Co. 73

Latitude: 37 28 25 N Longitude: 088 59 20 Sequential number: 1
Lat-long accuracy: 2 T 7 S 3 R 3 W, Sec 16

Local well number: H0418D1607S03E Other number: B & M
Local use: 064019 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, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec. N
Use of Well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, 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' DE

WELL-DESCRIPTION CARD
SAME AS ON MASTER CARD Depth well: TD 1029 ft Meas. 1023 ft
Depth cased: 918 ft Casing Type: 5 Diam. 10 in
Finish: porous concrete, gravel w. concrete, (perf.), gravel w. (screen), horiz. gallery, open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (B) other
Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) jetted, (J) air percussion, (P) rotary, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (B) other H

Date Drilled: 7-15-71 971 Pump intake setting: 385 ft
Driller: Singer Layne Central Memphis, Tenn.
Lift (A) air, (B) bucket, (C) cent., (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other T Deep Shallow
Power (type): diesel, X elec, gas, gasoline, hand, gas, wind, H.P. 50 Trans. or meter no. 41

Descrip. MP 385 ft above 385 ft below LSD, Alt. MP 385
Alt. LSD: 385 Accuracy: (source) Topo
Water Level: 166 ft above MP; 166 ft below LSD Accuracy: 4
Date meas: 078 Yield 30 gpm 250 Method determined
Drawdown: 0 ft Accuracy: 0 Pumping period: 0 hrs
QUALITY OF WATER DATA: Iron 0 ppm Sulfate 0 ppm Chloride 0 ppm Hard. 0 ppm
Sp. Conduct 0 K x 10⁶ Temp. 0 °F Date sampled 0

1987
wt = 195.72

SAM
Dan Skinner
Plant Manager

CAM

SN

11/92

Well not measured

N66

+180

Below
185-

prob.
385
by topo.

PUNCHED

Well No.

H 41

Well No. **H 41**

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: **D** Subbasin: **15E**

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

MAJOR AQUIFER: **K13** **E2**
Lithology: **U.S.** Origin: **6** Aquifer Thickness: **700'**

Length of well/open to: _____ ft. Depth to top of: **9.5'**

MINOR AQUIFER: _____
Lithology: _____ Origin: _____ Aquifer Thickness: _____

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

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

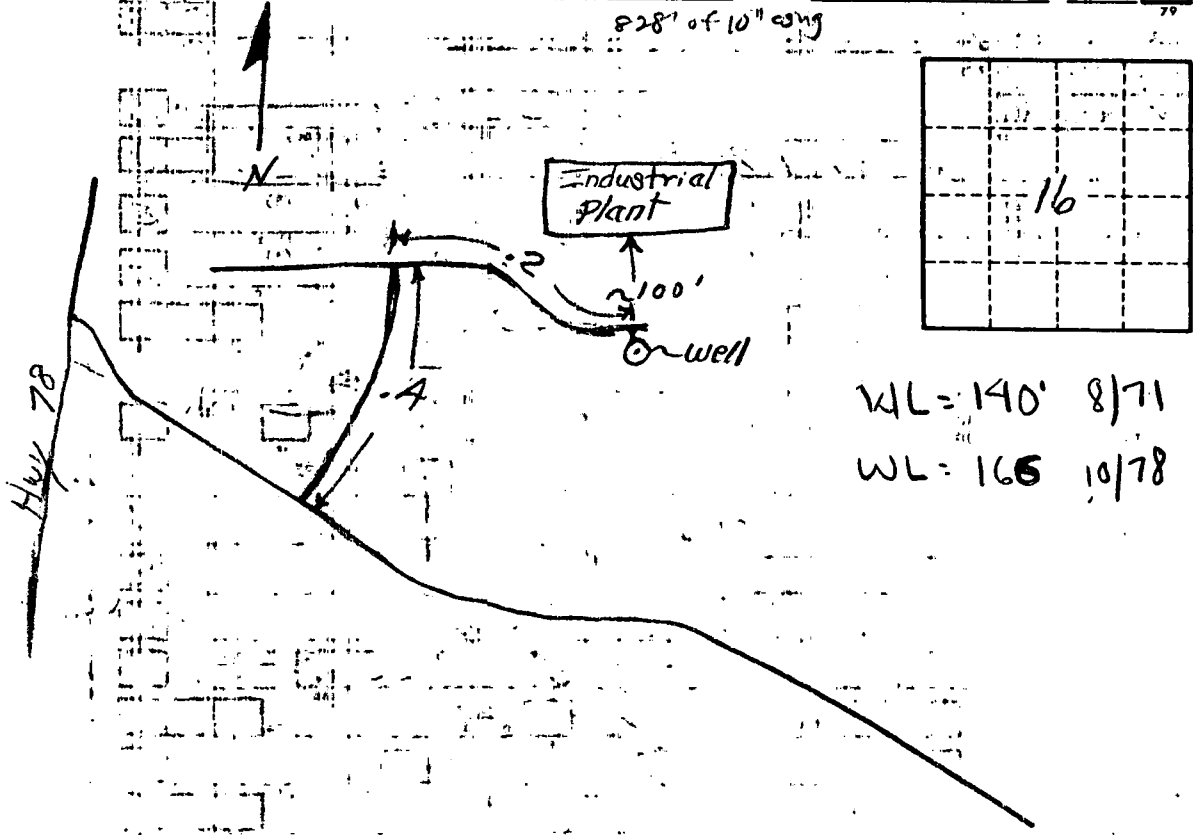
Depth to consolidated rock: _____ ft. Source of data: _____

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

Surficial material: _____ Infiltration characteristics: _____

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

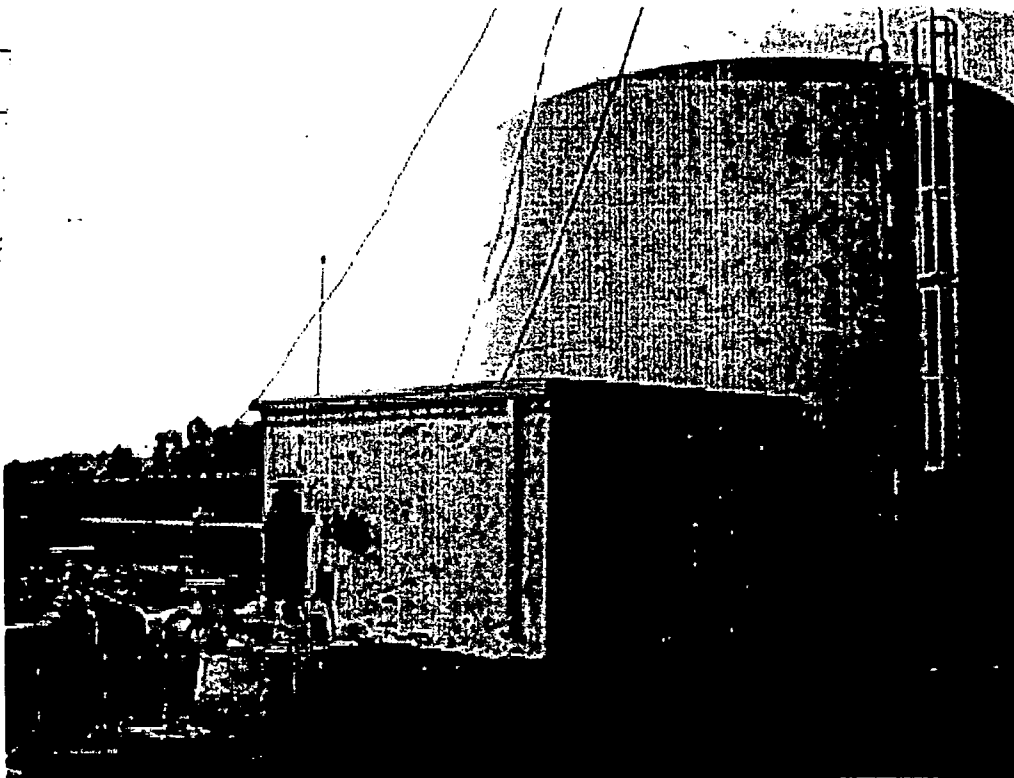
Coefficient Perm: _____ gpd/ft. Spec cap: _____ gpm/ft. Number of geologic cards: _____



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 6/10/99
UNIT DEQ #: _____ FILE#: B061014A
HEALTH DEPT. #: 730021-01 ELEV.: 386
USGS #: H41 OLWR #: GW00544
OWNER: Hickory Springs Manuf. Denton Mills QUAD: New Albany East
LOCATION: SW/NE S 16 T 75 R 3E COUNTY: Union
LOCATION DESCRIPTION: At large ground tanks inside gate to Hickory Springs plant. Off Denmills Rd off Hwy 178
CASING DIAM: _____ PUMP TYPE AND SIZE: Turbine; 50 HP
GPS FIELD LOCATION: LAT: 34° 28' 30.9" LONG: 88° 59' 21.2"
GPS CORRECTED: LAT: 34.475942 LONG: 88.989493
REMARKS: P296



ELOG # 19 M

Union
H 41
8-8-71

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG **CODED**

August 8 1971

Singer Layne Central Division Union

date well completed

firm name

county well located

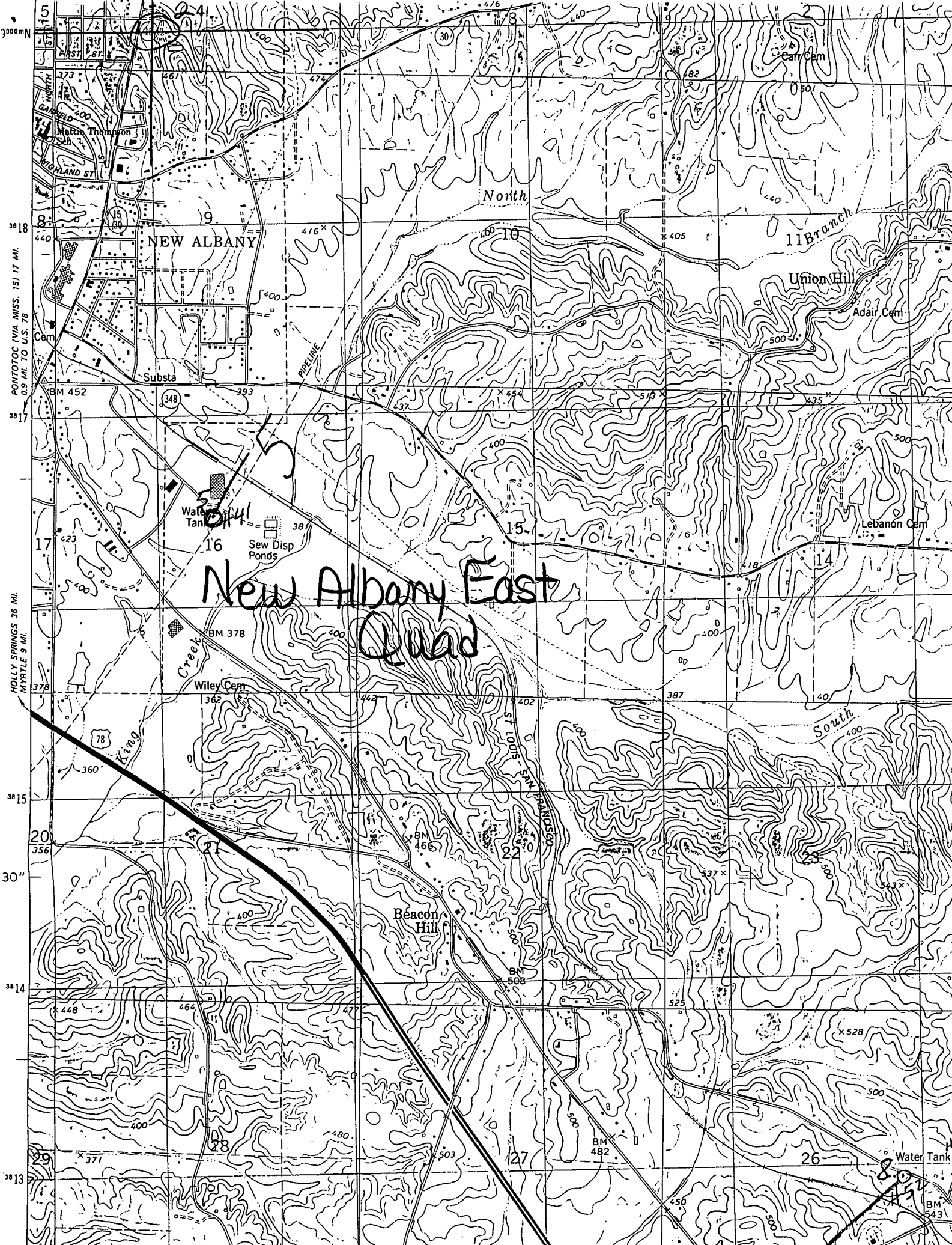
| LANDOWNER: | description of formations encountered | from | to |
|---|---------------------------------------|------|------|
| Denton Mills | Clay, Sand and Rock | 0 | 65 |
| New Albany, Mississippi | Rock and Clay | 65 | 105 |
| (mailing address) | Soapstone and Rock | 105 | 565 |
| WELL LOCATION: | Sand | 565 | 585 |
| sec. 16 T 7 N R 3 E | Clay | 585 | 590 |
| (distance) miles (direction) of (nearest town) | Sandy Clay | 590 | 600 |
| WELL PURPOSE: | Clay | 600 | 612 |
| (home, irrigation, municipal, industrial) | Sandy Clay | 612 | 644 |
| WELL COMPLETION DATA: | Rock | 644 | 650 |
| (1) diameter | Sandy Clay | 650 | 677 |
| (2) total depth (feet) | Shale | 677 | 695 |
| (3) static water level (feet) 140' below above top of ground. | Rock | 695 | 698 |
| (4) casing steel 915 (material) (depth) | Shale | 698 | 733 |
| (size) if telescope see back. | Rock | 733 | 734 |
| (5) screen 105' 828' (length) (depth to top) | Shale | 734 | 756 |
| 6" stainless | Sandy Shale | 756 | 808 |
| (size) (material) | Rock | 808 | 811 |
| (6) pump 50 300 (HP) (yield gpm) | Sandy Shale | 811 | 827 |
| electric (type power) | Shale and Rock | 827 | 860 |
| (7) electric log yes (yes or no) | Fine Sand and Shale | 900 | 1026 |
| (organization running log) | Chert | 1026 | 1064 |
| back | Hard Chert | 1064 | 1170 |
| (8) how well bottom plugged pressure valve | | | |
| DRILLERS REMARKS: | | | |

CODED

CODED

SEP 13 1971

MISS. BD. OF WATER COMM.



3000m
PONTOTOC (VIA MISS. 15) 17 MI.
0.3 MI. TO U.S. 78

HOLLY SPRINGS 36 MI.
MYRTLE 9 MI.

30"

30"

30"

New Albany East Quad

NEW ALBANY

Union Hill

Beacon Hill

Water Tank

BM 543