

HD# 48008-01

Backup well

FORM 9-1642  
(1-68)

Well No. C27

WELL SCHEDULE  
GEOLOGICAL SURVEY

E log # 40  
WATER RESOURCES DIVISION  
**PUNCHED**

U. S. DEPT. OF THE INTERIOR

Amory 116-A

MASTER CARD

Record by B.E. Wasson Source of data Bowc MSBH Date 4-64 Map MA 3

State MS County MA 3 (or town) MA 3

Latitude: 33° 58' 48" N Longitude: 088° 24' 28" W Sequential number: 7

Lat-long accuracy: 2 T 12 R 18 Sec 34 SW t. NE t. SE t.

Local well number: C027AD3412S18W Other number: B & M

Local use: 002040 Owner or name: HATLEY Address: INC

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. P

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.

Hvd. lab. data:

Qual. water data; type:

Freq. sampling:  Pumpage inventory:  yes no; period:

Aperture cards:  yes

Log data: E-log to 285' ; Driller's log 294' 0.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 238 ft Meas. rept. accuracy 3

Depth cased; (first perf.) 198 ft Casing type: 10.8 in

Finish: porous concrete, gravel w. (perf.), (screen), gravel w. (screen), gallery, open end, other G

Method: (A) air rot., (B) bored, cable, dug, hvd jetted, (C) air rot., (D) air percussion, (E) air reverse, (F) air reverse, (G) air reverse, (H) air reverse, (I) air reverse, (J) air reverse, (K) air reverse, (L) air reverse, (M) air reverse, (N) air reverse, (O) air reverse, (P) air reverse, (Q) air reverse, (R) air reverse, (S) air reverse, (T) air reverse, (U) air reverse, (V) air reverse, (W) air reverse, (X) air reverse, (Y) air reverse, (Z) air reverse, other H

Date Drilled: 9:6:74 Pump intake setting: 360 ft

Driller: Robert Ratliff

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other, other T Deep  Shallow

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

Descrip. MP 360 ft above LSD, Alt. MP 367 Accuracy: (source) 5

Water Level 117.18 ft above MP; Ft below LSD 117 Accuracy: 108 @ 60 # A

Date meas: 4.6.74 Yield: 125 gpm Method determined

Drawdown: 4.6.74 Accuracy:  Pumping period: 4.6.74 hrs

QUALITY OF WATER DATA: Iron  Sulfate  Chloride  Hard.

Sp. Conduct  K x 10<sup>6</sup> Temp.  Date sampled

Taste, color, etc.

1982  
WL = 138

1987  
WL = 138.87

7/31/1991  
152.00  
- 11.53  
140.47  
- 1.40 mp  
139.07

12/3/1992  
145.00  
5.00  
140.00  
1.40  
138.60

173' for log

10/1/78  
WL: 137.26  
8/8/81  
22.7

Base of gravel 294'

Well No.

C27

Well No. \_\_\_\_\_

Latitude-longitude \_\_\_\_\_  
d m s N  
d m s S

**HYDROGEOLOGIC CARD**

Province: 03 Section: \_\_\_\_\_

Drainage Basin: D 134 Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (P) (R) (K) (L) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat: flat

MAJOR AQUIFER: system \_\_\_\_\_ series K3 aquifer, formation, group Gφ

Lithology: sd & gravel Origin: 2 Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

MINOR AQUIFER: system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

Intervals Screened: \_\_\_\_\_

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

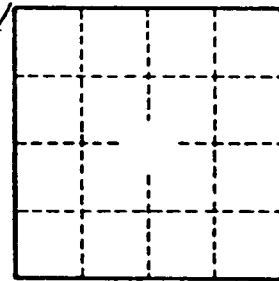
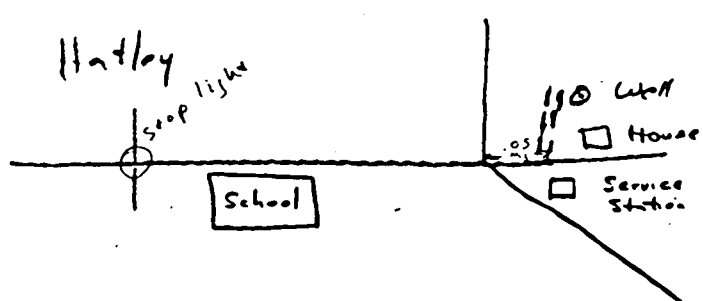
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft<sup>2</sup> Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

*Two driller logs were submitted on this well water level different. 46' below rd on one and 120' on the other*



8/81

10' dd @ 108 gpm @ 60'

Test hole drilled to 297' bottom of gravel 294'

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