

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J.S. Source of data BOWL Date 1/70 Map Myrtle

State 28 County (or town) Union 73

Latitude: 343330 N Longitude: 0890655 Sequential number: 1

Lat-long accuracy: 2 T 6 S, R 2 W, Sec 17, NE, NE, SW

Local well number: B017AC1706502E Other number: \_\_\_\_\_

Local use: 064 373 16 Owner or name: Town of Myrtle

Owner or name: MYRTLE Address: \_\_\_\_\_

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

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

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

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: USGS 6/72

Freq. sampling:  Pumpage inventory: yes  no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 431 ft Meas. 3

Depth cased; (first perf.) 381 ft Casing type: Steel Diam. 8 in

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

Method: (A) bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse, (G) trenching, (H) driven, (I) drive wash, (J) other

Date Drilled: 969 Pump intake setting: \_\_\_\_\_ ft

Driller: Layne Central, Memphis Tenn

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P.

Descrip. MP 2 f gage 450470 (8/928) ft above/below LSD, Alt. MP 5

Alt. LSD: 430 Accuracy: 20 1000.00

Water Level 137.2 ft above/below MP; Ft below LSD 141 Accuracy: A

Date meas: 78 Yield: 150 gpm Method determined 2

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs

QUALITY OF WATER DATA: Iron \_\_\_\_\_ Sulfate \_\_\_\_\_ Chloride \_\_\_\_\_ Hard. \_\_\_\_\_

Sp. Conduct 290 K x 10 2 Temp. 19.5 °F Date sampled 672

Taste, color, etc. pH = 8.0

10/18/78  
WCL-140.78

U.S. GEOLOGICAL SURVEY

Well No.

3 17

Well No. B 17

Latitude-longitude N  
S

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: 0.3 Section: \_\_\_\_\_

**Drainage Basin:** D 1.5.F Subbasin: \_\_\_\_\_

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

**MAJOR AQUIFER:** system \_\_\_\_\_ series K13 aquifer, formation, group RI

**Lithology:** U.S Origin: 6 Aquifer Thickness: 58 ft

**Length of well open to:** 158 ft **Depth to top of:** 50 ft 373 ft

**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:** 4" SS

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

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

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

**Coefficient Trans:** 3,000 gpd/ft **Coefficient Storage:** 3.02

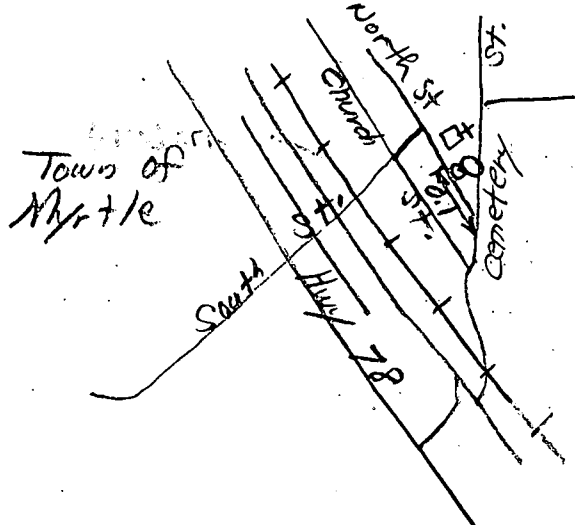
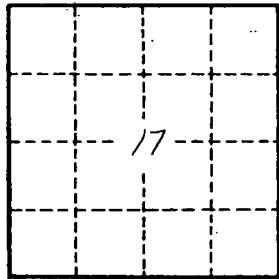
**Coefficient Perm:** 52 gpd/ft<sup>2</sup>; Spec cap: 1.6 gpm/ft; Number of geologic cards: \_\_\_\_\_

See Hayes Hall

- 0-15 Sdy clay
- 277- Blu clay
- 300 Rks & clay
- 325 Clay
- 328 Rk
- 368 Clay
- 373 Rk
- 431 Sd + rks
- 437 Clay
- Rk

269' airline

WL 136' 12/69  
132.7 6/13/72 (l.s.d.)  
134. 3/73  
141. 10/78  
75,000 gal. elevated storage tank.  
Treatment: Chlorinated



didn't measure locked but local well

460

Well No.

B 17

UNION  
 B 17  
 12-2-69

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

12-11-69  
 1/8/70

CODED

December 2, 1969 Layne-Central Co. Union  
 date well completed firm name county well located

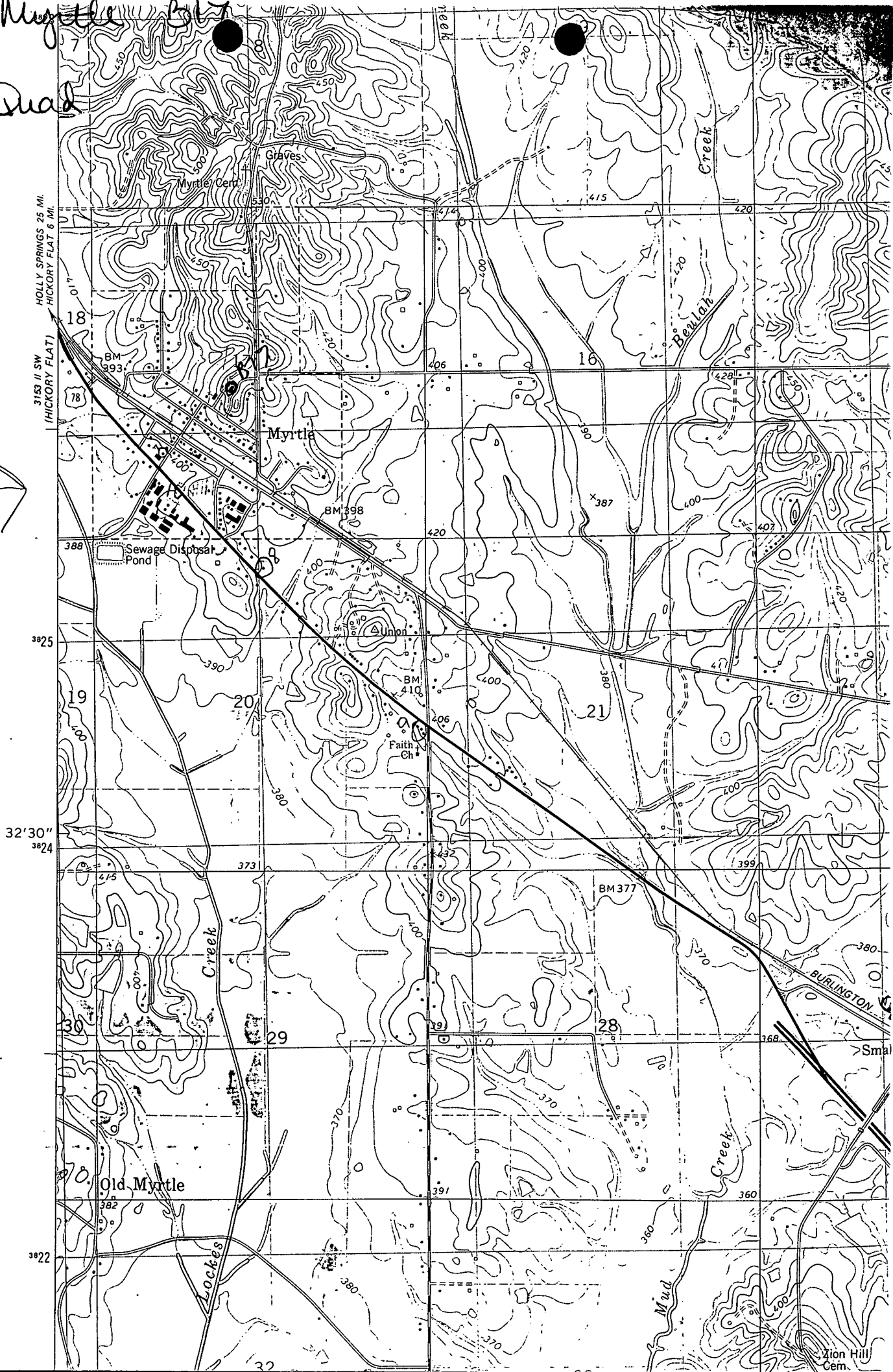
LANDOWNER:	description of formations encountered	from	to
Town of Myrtle, Mississippi			
(mailing address)	Blue clay	277	252
WELL LOCATION: NE. NE SW	Rocks and clay	300	23
sec. 17 T. 6 N. R. 2 E W	Clay	325	25
_____ miles of _____	Rock	328	3
(distance) (direction) (nearest town)	Clay	368	40
WELL PURPOSE: Municipal	Rock	373	5
(home, irrigation, municipal, industrial)	Sand and rocks	431	58
WELL COMPLETION DATA:	Clay	437	6
(1) diameter (inches) 8"	Rock	437	
(2) total depth (feet) 431'			
(3) static water level (feet) 136' below top of ground.			
(4) casing steel 377' (material), (depth)			
8" (size) if telescope see back.			
(5) screen 50' 381' (length) (depth to top)			
4" stainless steel (size) (material)			
(6) pump 25 150 (HP) (yield gpm)			
electric (type power)			
(7) electric log no (yes or no)			
(organization running log)			
(8) how well bottom plugged			
DRILLERS REMARKS:			

DEC 11 1969

MISS. BD. OF WATER COMM.

Town of Myrtle  
B17  
Myrtle Quad  
Elev:

B-7, 8, 9, 10, 11, 17, & 46.



3153 II SW  
(HICKORY FLAT)

3825

32'30"  
3824

3822

Zion Hill Cem.