FORM 9-1642
(1-68)

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

MASTER CARD
Record by: J.S. Source of data: DOWC Date: 170 Map: Myrtle
State: 20 County: Union Date: 7.3
Latitude: 343 32.0 N Longitude: 089 06.5 Selling number: 1
Lat-long accuracy: 20 20 Sec Local well number: 130117AC1 70656264
Local use: 046 14 Owner or name: Town of Myrtle
Owner or name: MYRTLE Address:
Ownership: (C) (F) (N) (P) (S) (T) Use of: Air cond., Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec,
Water: (O) (T) (V) (X) (Y) (Z) Stock, Infiltr., Unused, Recharge, Recharge, Diesel-P S, Diesel-other, Other
Use of: (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

DATA AVAILABLE: Well data: [ ] Freq. W/L meas.: [ ] Field aquifer char:
Hyd. lab. data:
Qual. water data: USGS 6/72 Pumping inventory: yes period:
Freq. sampling: [ ]Aperture cards:
Log data:

WELL-DESCRIPTION CARD
SAME AS ON MASTER CARD Depth well: 431 ft. Meas. rep: 3
Depth cased: 138 1 ft. Casing: Steel:
(C) (F) (N) (P) (S) (T) (V) (X) (Y) (Z)
(D) (E) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)
Finish: concrete, gravel, gravel, horiz. open perf., screen, sd. pt., shored, pump
Method: rot., percuss., rotary
Drilled: 9:38:9 Pump intake setting:
Date:
Driller: Layne Central 6/77
Lift: (A) (B) (C) (D) multiple, multiple, multiple, (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)
Power: nat LP

Descrip. MP 45.8 A 74.0 470 8/28/22 25 Shallow

Alt. LSD: 137.2 ft above ALSD, Alt. MP:
Water Level: 137.2 ft above ALSD Accuracy: 1.3 20 Topo.max.
Date: 6/7/76 Yield: 15.0 Method determined
Drawdown:
Quality of Water Data: Iron:
Sp. Conduct: 290 K x 106 Temp. 12 3 195
Taste, color, etc. pH = 8.0
**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD**

- **Physiographic Province:** 0:3
- **Drainage Basin:** 1:5
- **Section:** 2

**Topo of well site:**
- Depression, stream channel, dunes, flat, hilltop, sink, swamp,
- Offshore, pediment, hillside, terrace, undulating, valley flat

**MAJOR AQUIFER:**
- **System:** K3
- **Series:** US
- **Origin:** 6
- **Aquifer Thickness:** 50 ft
- **Depth to top of:** 3.75 ft

**MINOR AQUIFER:**
- **System:**
- **Series:**
- **Aquifer Thickness:**
- **Depth to top of:**

**Intervals Screened:**
- 4" SS

**Source of data:**
- Depth to consolidated rock: 40 ft
- Source of data: 41

**Coefficient:**
- **Trans:** 3,000 gpd/ft
- **Storage:** 30.2
- **Perm:** 52 gpd/ft²
- **Spec cap:** 1.6 gpm/ft

**Number of geologic cards:**

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**See Hayes Hall**

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**Well No. B-17**

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**North**

**South**

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**did not measure locked out located well 460**

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**WELL:**

- **Chlorinated**
- **75,000 gal. elevated storage tank ft. treatment:**

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**Wells:**

- **269**
- **277**
- **300**
- **325**
- **328**
- **368**
- **373**
- **431**
- **437**

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**WL:**

- **136' 12/69**
- **132.7 6/13/72 (18) (d)**
- **134 3/15**
- **141 10/18**

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**269' airline**

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**GEO 927-142**
## WATER WELL DRILLERS LOG

**December 2, 1969**

### LANDOWNER:
Town of Myrtle, Mississippi

### WELL LOCATION:
- Section: 27
- Township: 6
- Range: 26
- NE 1/4 NW 1/4
- Mills: 431
- Direction of nearest town: S

### WELL PURPOSE:
Municipal

### WELL COMPLETION DATA:
1. Diameter (inches): 8"
2. Total depth (feet): 431'
3. Static water level (feet below top of ground): 136'
4. Casing: Steel 377' (material), 8' (size)
5. Screen: 50' (length), 381' (depth to top), 4". Stainless steel (size), Stainless steel (material)
6. Pump: 25 HP, 150 gpm (type power)
7. Electric: no (yes or no)
8. How well bottom plugged: "Spacer, 36"" of "WATER GUARD"

### DRILLERS REMARKS:

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**Description of formations encountered**

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<thead>
<tr>
<th>Formation</th>
<th>From</th>
<th>To</th>
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<tbody>
<tr>
<td>Sandy clay</td>
<td>15</td>
<td>15</td>
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<tr>
<td>Blue clay</td>
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<td>Rocks and clay</td>
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<tr>
<td>Clay</td>
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<td>Sand and rocks</td>
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<td>58</td>
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<tr>
<td>Clay</td>
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<td>6</td>
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<tr>
<td>Rock</td>
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