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

MASTER CARD
Record by: THOMSON Source of data: BOWE Date: 4-7 4 1
State: 2 8 County: LEE
Lat-long:
Lat-long Accuracy: 3 4 0 8 2 8 N Longititude: 0 8 4 0 4 7
Lat-long Accuracy: 0 1 1 0 9 0 6 S Sec. 3 4 5 6 W
Local well number: 0 4 0 9 6 0 9 0 8 0 9 0 8 0 6 E Other number: 8 6 N
Owner or name: M E KELLY Address: ET 2 SHANNON
Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water District
Use of water: (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)
Stock, Instill, Unused, Repurpose, Recharge, Desal-P, Desal-Other
WELL: Anode, Drain, Seismic, Heat, Bas, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed
DATA AVAILABLE: Well data 70 Freq. Wt. meas.: 72 Field aquifer char.: 72
Hyd. lab. date: 72 Qual. water data: type: 74
Freq. sampling: 74 Pumpage inventory: yes 75 period: 75
Aperture cards: 75 yes 77
Log data: 75

WELL-DESCRIPTION CARD
SAME AS MASTER CARD Depth well: ft 3 0 0 0 Meas. Del 2 3
Depth casing: (filter perf.) ft 3 0 0 0 Casing accuracy 2 3
Depth finish: porous gravel, gravel, horizon, open perf., screen, ad. pt., shoted, open, concrete, (perf.), (screen), gallery, end.
Method: (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)
Drilled: Air bored, cable, dual hy. jetted, Air reverse trenching, driven, Drive, Wash, Percussion, rotary, other: 9 6 7
Pump intake setting: ft: 3 0 0 0
Driller: HANON SHANNON
Lift: (type) air, bucket, cent, jet, multiple, multiple: none, piston, rot, submers, turb, other: 74
Deep Shallow: 75
Power: nat LP: Diesel, elec, gas, gasoline, hand, gas, wind: H.P.
Descrip. HP: above Deep or meter no.
Alt. LSD: 2 7 2 Accuracy: D.L. 10 0
Water level: ft above LSD. Alt. HP: 4 7 4
Date: 9-10-62 5 9 6 2 5 5 Yield: 6 0 5 5
Accuracy: D.L. 5 9 5 5 Method determined: 5 5
Drawdown: ft 5 9 6 2 5 5
QUALITY OF WATER DATA: 
Sp. Conduct: K x 10 6 Temperature: 7 2 7 4 7 4
pH: 7 2 7 2 7 2
Sulfate ppm: 7 2 7 2 7 2
Chloride ppm: 7 2 7 2 7 2
Hard.: 7 2 7 2 7 2
Taste, color, etc.
**HYDROGEOLOGIC CARD**

**Well No.** 40

**Latitude-longitude**

**Drainage Basin:** 13C

**Subbasin:**

**Topo of well site:**
- D: depression
- E: stream channel
- F: dunes
- G: flat
- H: hilltop
- J: sink
- K: swamp
- L: offshore
- M: pediment
- N: hillslope
- O: terrace
- P: undulating
- Q: valley floor

**MAJOR AQUIFER:**
- System: K
- Series: J
- Aquifer, formation, group: E, T, W
- Lithology:
  - Length of wall open to:
  - Depth to top of:
- Aquifer Thickness:

**MINOR AQUIFER:**
- System: U
- Series: S
- Aquifer, formation, group:
- Lithology:
  - Length of wall open to:
  - Depth to top of:

**Intervals Screened:**

**Depth to consolidated rock:**

**Depth to basement:**

**Surficial material:**
- Infiltration characteristics:

**Coefficient:**
- Trans: gpd/ft\(^2\)
- Storage: gpm/ft

**Perm:**
- \(2\) gpd/ft\(^2\); Spec cap: gpm/ft; Number of geologic cards: 5

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**Well No.** 40

**GPO 857-700**

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**MISSISSIPPI BOARD OF WATER COMMISSIONERS**

**WATER WELL DRILLERS LOG**

**HERNDON WELL & SUPPLY CO.**

**M.E. KELLOM**

**SHANNON, MISSISSIPPI**

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**Date:** Sept 20, 1962

**Driller:**

**County:**

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1. **Owner of Land:** Marshall Kellem
   - **Name:**
   - **Address:** 42 Shades, Miss.

2. **Location:**
   - **Distance:** 3 miles N.E. of Shades
   - **Direction:**
   - **Nearest Town:**

3. **Topography:** Flat
   - **Hilly:**
   - **Flat:**
   - **Level:**

4. **Purpose of Well:** Domestic
   - **Domestic Irrigation:**
   - **Municipal:**
   - **Industrial:**
   - **Other:**

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**Description & Color of Materials**

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Depth Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surf sand</td>
<td>8</td>
</tr>
<tr>
<td>Surf clay</td>
<td>25</td>
</tr>
<tr>
<td>Blue rock</td>
<td>30</td>
</tr>
<tr>
<td>Sand</td>
<td>180</td>
</tr>
<tr>
<td>Bottom</td>
<td>300</td>
</tr>
</tbody>
</table>

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**Information upon completion of well:**

1. **Diameter:** 4 inches.
2. **Total Depth:** 300 feet.
3. **Water Level:** 60 feet below top of ground.
4. **Cased to:** 30 ft. **Size:** 4
5. **Screen:** **Size:** , **Length:**
6. **Were any formations sealed against pollution?**
   - **Yes:**
   - **No:**

**Drillers Remarks:**

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**Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.**