### WELL SCHEDULE

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

#### MASTER CARD

- **Record by:**  
- **Source of data:** MSGS  
- **Date:** 8-31-67  
- **County:** Cape Girardeau  
- **State:** MO  
- **Latitude:** 39° 58' 14.7" N  
- **Longitude:** 89° 0' 12" W  
- **Local well number:** J32  
- **Local use:**  
- **Owner or name:** Lamar Starks  
- **Address:**  
- **Ownership:** County Fed Govt City Corp of Co. Private State Agency Water Dist  
- **Use of Well:** Anode, Drain, Saline, Heat Res. Obs. Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed  
- **DATA AVAILABLE:** Well data  
- **Qual. water data:** yes  
- **Freq. sampling:** yes  
- **Aperture cards:** yes  
- **Log data:**  

#### WELL-DESCRIPTION CARD

- **Depth well:** 161 ft  
- **Casing:**  
- **Finish:** porous gravel, gravel w. horiz. open perf. screen, sq. pc., bored, open concrete, perforated, screen, gallery, etc.  
- **Method:** Air bored, cable, dug, jetted, air reverse trenching, driven, drive, wash, other  
- **Drilled:** 15' 5-0-0  
- **Pump intake setting:**  
- **Lift:** air, bucket, cent, jet, multiple, none, piston, rot, submersible, turbine, other  
- **Power:** LP  
- **Water level:** 18"  
- **Drawdown:** 17'  
- **Yield:**  
- **QUALITY OF WATER DATA:**  
- **Sp. Conduct:**  
- **Taste, color, etc.:**
### HYDROGEOLOGIC CARD

**Well No.** J32

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<th>Latitude-longitude</th>
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**Physiographic Province:** 03

**Section:** 13Y

**Subbasin:** 20

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

**MAJOR AQUIFER:**
- **System:** T
- **Series:** M
- **Aquifer, formation, group:** CA
- **Aquifer Thickness:** L 9 ft
- **Lithology:**
  - **Origin:** 3
  - **Depth to top of:** 137 ft

**MINOR AQUIFER:**
- **System:** 2
- **Series:** 3
- **Aquifer, formation, group:** 46
- **Aquifer Thickness:** 4 ft
- **Lithology:**
  - **Origin:** 3
  - **Depth to top of:** 13.7 ft

**Intervals Screened:** 21

**Depth to consolidated rock:** 40 ft

**Depth to basement:** 46 ft

**Surficial material:**
- **Infiltration characteristics:** 70

**Coefficient:**
- **Trans:** gpd/ft
- **Storage:** gpd/ft

**Perm:** gpd/ft²

**Source of data:**
- **Number of geologic cards:**

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3 miles W of Hillman
630° S = 360° W of N

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GPO 857-700