**WELL SCHEDULE**

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

**MASTER CARD**

- **Record by:** RET
- **Date:** 10-20-70
- **Latitude:** 33° 42' 30" N
- **Longitude:** 0° 8' 54" W
- **County:** 2E
- **State:** FL
- **Well No.:** H23
- **Owner:** 3rd ARMY
- **Address:**
- **Ownership:** County, Fed Gov't, City, Corp Or Co, Private, State Agency, Water Dist
- **Use of well:** Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed
- **DATA AVAILABLE:**
  - **Hyd. lab data:**
  - **Qual. water data:**
  - **Freq. sampling:**
  - **Aperture cards:**
  - **Log data:**

**WELL DESCRIPTION CARD**

- **Depth well:** TD = 144.1
- **Depth cased:** 90 ft
- **Casing type:**
- **Finish:** Porous gravel v. gravel v. horiz. open perf., screen, sd. pt., shored, concrete, (perf.), (screen), gallery, end
- **Method:** Air bored, cable, dug, hyd. jacked, all reverse trenching, driven, drive rot., percussion, rotary
- **Date Drilled:** Nov 12, 1942
- **Driller:**
- **Lift:** Air, bucket, cent. jet, (cent.) (turb.)
- **Power:** Diesel, elec, gas, gasoline, hand, gas, wind, H.P.
- **Descrip. MP:** above
- **Alt. LSD:** 210.34
- **Water level:** 20.55 ft below MP
- **Date:**
- **Drawdown:**
- **QUALITY OF WATER DATA:**
  - **Iron:** 5.2 ppm
  - **Sulfate:**
  - **Chloride:**
  - **Hard.:**
- **Sp. Conduct:** K x 10^6
- **Temp.:**
- **Taste, color, etc.:** Free CO₂ = 53
  - **pH:** 5.8
**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD**

<table>
<thead>
<tr>
<th>Physiographic Province:</th>
<th>0.3</th>
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<tbody>
<tr>
<td>Drainage Basin:</td>
<td>1.5</td>
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<tr>
<td>Subbasin:</td>
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</tbody>
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**Topo of well site:**
- Depression
- Stream channel
- Dunes
- Flat
- Hilltop
- Sink
- Swamp
- Offshore
- Pediment
- Hillslope
- Terrace
- Undulating
- Valley flat

**MAJOR AQUIFER:**
- **System:** TE
- **Facies:** M/W

**Lithology:**
- Origin: Aquifer
- Aquifer, formation, group: 2

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<thead>
<tr>
<th>Aquifer</th>
<th>Thickness: ft</th>
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**Length of well open to:**
- Depth to top of: 50 ft
- Depth to: 70 ft

**MIJOR AQUIFER:**
- **System:** series

**Lithology:**
- Origin: Aquifer
- Aquifer, formation, group: 4

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**Interval Screened:**
- Depth to consolidated rock: 40 ft
- Source of data: 40 ft
- Depth to basement: 40 ft
- Source of data: 40 ft

**Surface Material:**
- Infiltration Characteristics: 70 ft

**Coefficient:**
- Trans: 56,000 gpd/ft
- Spec cap: 41.7 rpm/ft²

**Coefficient:**
- Storage: 5.6

**Pumping Test:**
- Coefficient: 675 gpd/ft²
- Spec cap: 41.7 rpm/ft²
- Number of geologic cards: 7

On Pumping Test that pumped H21(A4) and used H23(A14) as observation wells, the following results were obtained:

Well H23: 
- T = 136,000
- S = 0.000073

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**GPO 937-142**