MASTERCARD

Record by: P.E. Grantham & E. Elgoo. Date: May 20-68. Other: 37, 70.8.

State: Miss 28 County: Panola 15 Sequential: 1

Latitude: 34° 28' 0" N Longitude: 089' 49' 32" W

Lat-lon accuracy: 7' 6" sec 12 degrees 12 sec 12

Local well number: 001037 Other number: 8 & H

Owner or name: Union Water Assoc.

Ownership: County, Fed Govt, City, Corp or Co, Private, State Agency, Water Dist


Stock, Insect, Unused, Recharge, Desal P.S., Desal-other, Other

Well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

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

Hyd. lab. data:

Qual. water data: Type: USGS 3-11-71

Freq. sampling: Pumpage inventory:

Aperture cards: Yes

Log data: E Log 0-687

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD: Depth well: 1340 ft. Meas. rept. accuracy: 3

Depth cased: (feet perfor.) 1310 ft. Casing 22 23 Diam. 3

Finish: Perforated gravel: (v) (c) (d) (p) (s) (t) (w) (k) (f) (g) (j) (l) (n) (m) (o) (p) (q) (r) (s) (t) (u)


Driller: R.A. Lipe Drilling Co. Pope Miss

Lift: (A) (G) (M) (J) (C) (Q) (U) (N) (P) (R) (T) (U) (W) (X) (B) (H) (S) (K) (E) (D) (O) (S) (V) (W) (Y) (Z)

Power: Nat LP (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)

Water: Alt. LSD: 420 Accuracy:

Water level: Above above LSD: 1:55 Accuracy:

Date: Yr: 1586 Sec: 259 Drawdown: 1568 ft. Yield: 13 Accuracy:

QUALITY OF WATER DATA: Iron: ppm 49 ppb 49 Sulfate: ppm 69 ppb 49 Chloride: ppm 37 74 Hard.: ppm 49 ppb 49

Sp. Conduct: 1 70 Temp. 1 170 Date sampled: 3/11/71 3/7/71

Taste, color, etc.
## HYDROGEOLOGIC CARD

**Well No.**: 141

### PHYSIOGRAPHIC PROVINCE
- Province: [ ]
- Depression, stream channel, dunes, flat, hilltop, sink, swamp: [ ]
- Offshore, pediment, hillside, terrace, undulating, valley flat: [ ]

### GENESIS SYSTEM
- System: [ ]
- Series: [ ]
- Aquifer, formation, group: [ ]

### LITHOLOGY
- Origin: [ ]
- Aquifer Thickness: [ ]
- Length of well open to: [ ]
- Depth to top of: [ ]

### MINOR AQUIFER
- System: [ ]
- Series: [ ]
- Aquifer, formation, group: [ ]

### LITHOLOGY
- Origin: [ ]
- Aquifer Thickness: [ ]
- Length of well open to: [ ]
- Depth to top of: [ ]

### INTERVALS SCREENED
- Depth to consolidated rock: [ ]
- Depth to basement: [ ]
- Source of data: [ ]

### SURFICIAL MATERIAL
- Infiltration characteristics: [ ]
- Coefficient Trans: [ ]
- Coefficient Perm: [ ]
- Spec cap: [ ]

### SOURCE OF DATA
- Number of geologic cards: [ ]

### TREATMENT
- Aeration
- Chlorination
- Filtration
- pH

### SAND SAMPLE
- Sample from [ ]
- 60% retained on [ ]
- 30% passed [ ]

### FOOTNOTES
- 10,000 gal. pressure storage tank
- 7-11-1973 @ 0845
- 42' below GA

### WATER LEVEL
- 30' of [ ]
- 296' of [ ]

### DIAGRAM
- Sardis
- Husk
- 155
- 3.7
- N
- Treatment: [ ]
<p>| Item | Change | | | | Requested by/Updated by |
|------|--------|--------|--------|--------|
| C9   | 342802 | 342801 | 1/3/19 | | |
| C401 | 0894932| 0894925|        | | |
| C141 |        | SARDUS DAM |        | | |
| C161 | 420    | 425    |        | | |</p>
<table>
<thead>
<tr>
<th>LANDOWNER:</th>
<th>description of formations encountered</th>
<th>from</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Union Water Ass'n</td>
<td>sand &amp; gravel</td>
<td>0</td>
<td>125</td>
</tr>
<tr>
<td>Sardis, Miss</td>
<td>sand &amp; gravel</td>
<td>125</td>
<td>240</td>
</tr>
<tr>
<td></td>
<td>sandy &amp; gravel</td>
<td>240</td>
<td>340</td>
</tr>
</tbody>
</table>

WELL LOCATION:
- sec. 15 T 7 R 6 W
- 5 miles E of Sardis

WELL PURPOSE: Community

WELL COMPLETION DATA:
1. diameter (inches) 8
2. total depth (feet) 340
3. static water level (feet) 145 (below top of ground)
4. casing Steel 296
   - material
   - depth
   - size
   - if telescope see back
5. screen 30' 310'
   - length
   - depth to top
   - size
   - material
6. pump 10 HP 130
   - type power
7. electric log yes 10
   - organization running log
8. how well bottom plugged steel

DRILLERS REMARKS:
**WILCOX DATA SHEET—VERIFICATION CHECKLIST**

<table>
<thead>
<tr>
<th>COUNTY</th>
<th>PANOLA</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELL OWNER</td>
<td>Panola-Union Church W.A. (North well)</td>
</tr>
<tr>
<td>U.S.G.S. NO.</td>
<td>H-1</td>
</tr>
<tr>
<td>B.O.H. NO.</td>
<td>540015-01</td>
</tr>
<tr>
<td>OLWR NO.</td>
<td></td>
</tr>
</tbody>
</table>

**LOCATION:**

| MAP | SE, SW, SW 515, T 7S, R 6W |
| GPS | lat/lon vary from USGS |
| ELEV. (MSL) | 425' |
| W.L. (L.S.) | (1) -138.25' |
| | (2) -138.23' |
| HEAD (MSL) | +286.75 |
| SCREENED INTERVAL | 310'-340' (L3) +115' -85' (MSL) |
| AQUIFER VERIFIED | Meridian-Upper Wilcox (Telleutte) |
| PREVIOUS W.L. | -138.66' (1989) -155' (1968) -142' (1973) |
| DATA ENTERED | |

This well is actually in the Telleutte. Either it is not used or something is wrong. W.L. are virtually the same since 1989 + above + for higher than 1973. There is also a spring well (H-37) drilled in 1972 at the site. H-1 is to the north of H-37. DELETE from...