WELL RECORD
Cape May County

Location 37-21-988 17

Owner Cape May County

Well No. F-36  Ground Elev. 16.5  Measuring point Elev. 16.48

Measuring Point

Date Completed 3/24-65  Driller Fox  Method Auger & Drive

Diameter 6/2  Total Depth 233  Depth Drilled 237

Screen:  Type Stainless  Slot size #10
  Diameter 2 in.  Length 14 ft.
  Setting 229 to 233

Geologic Formation Cohanzey

Static Water Level  Date  Time
Tide stage  Time  Location

Record of Test  Date 3/24  Yield 27 gpm
  Static Water Level 12.2
  Pumping Level 21.6  after 1/2 hrs. pumping
  Drawdown 9.4  Specific capacity 2.9
  How pumped  How measured

Observe effect on nearby wells

Use Oo.  Amount Average gpd Maximum gpd

Quality of water Good  Sampled Yes X  No
  Taste  Odor  Color slight
  Temp.  58 °F

WELL LOG
Type Drillers
Logged by I. Walker

Date 3/24

construction time: 7 hours

(see other side)

CHEMICAL ANALYSIS

Laboratory

Field Kit X

Analysis by I. Walker

Date 3/24

Chloride 12.5 ppm
Iron 2.0 ppm
PH 6.8
Hardness 34 ppm
000-027  sand, clayey at upper three feet
027-028  clay
028-040  sand  Holly Beach
040-049  sand, coarse to very coarse
049-059  clay
059-064  sand, coarse  Estuarine Clay
064-075  clay
075-082  sand
082-084  sand, coarse
084-086  sand, very coarse to gravel
086-090  sand
090-092  sand, very coarse to gravel  Estuarine sand facies
092-095  sand
095-098  clay, very soft
098-120  sand  Cohansy formation
120-133  clay, dense
133-194  sand, fine
194-196  clay, soft
196-198  sand
198-207  clay, soft
207-233  sand, water
233-234  sand, coarse, water
234-235  clay, gray-tan (color change)  Kirkwood formation

4'/4 of 6" pipe
1' reducer
189' 2" pipe
4' #10 stainless screen
<table>
<thead>
<tr>
<th><strong>TYPE OF LOG</strong></th>
<th>Electric</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DATE</strong></td>
<td>5/20/68</td>
</tr>
<tr>
<td><strong>FOOTAGE</strong></td>
<td>940'</td>
</tr>
<tr>
<td><strong>TOTAL DEPTH</strong></td>
<td>940'</td>
</tr>
<tr>
<td><strong>I.D. DRILLER</strong></td>
<td>5-7/8&quot;</td>
</tr>
<tr>
<td><strong>LOG MEAS FROM</strong></td>
<td>Table</td>
</tr>
<tr>
<td><strong>DRILLING MEAS FROM</strong></td>
<td>Table</td>
</tr>
<tr>
<td><strong>PERMANENT DATUM</strong></td>
<td>Table</td>
</tr>
<tr>
<td><strong>WEIGHT</strong></td>
<td></td>
</tr>
<tr>
<td><strong>VISCOSITY</strong></td>
<td></td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td></td>
</tr>
<tr>
<td><strong>RESISTIVITY</strong></td>
<td></td>
</tr>
<tr>
<td><strong>POTENTIAL</strong></td>
<td></td>
</tr>
<tr>
<td><strong>ELECTRODE SPACING</strong></td>
<td></td>
</tr>
<tr>
<td><strong>SYMMETRICAL</strong></td>
<td></td>
</tr>
<tr>
<td><strong>NO. SYMMETRICAL</strong></td>
<td></td>
</tr>
<tr>
<td><strong>FLUID LEVEL</strong></td>
<td></td>
</tr>
<tr>
<td><strong>L.O.G. LENGTH</strong></td>
<td></td>
</tr>
<tr>
<td><strong>O.D. OF INSTRUMENT</strong></td>
<td></td>
</tr>
<tr>
<td><strong>TIME CONSTANT-SECONDS</strong></td>
<td></td>
</tr>
<tr>
<td><strong>LOGGING SP-FT, MIN</strong></td>
<td></td>
</tr>
<tr>
<td><strong>STATISTICAL VAP-INV</strong></td>
<td></td>
</tr>
<tr>
<td><strong>SENSITIVITY REF</strong></td>
<td></td>
</tr>
</tbody>
</table>

**WELL RECORD**

- **WELL SIZE**
- **DEPTH**
- **BOT OF OUTER CASING**
- **TOP OF SCREEN**
- **BOT OF SCREEN**
- **SIZE OF SCREEN**
- **SLOT SIZE**
- **MATERIAL**
- **GRAVEL SIZE**
- **DEPTH TO P-L NIPPLE**
- **PUMPING TEST**
- **DATE**
- **CAPACITY**
- **STATIC LEVEL**
- **DRAINDOWN**
- **PUMPING LEVEL**
- **SP, CAPACITY**

**REMARKS OR OTHER DATA**