**WELL SCHEDULE**

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

**MASTER CARD**

Record by:  
Source of data: Bowler  
Date: 9/3/66  
Map:

State: Nebraska  
County:  
Township:  
Range:  
Section:  
Sequential number:

Latitude: 32° 42' 49" N  
Longitude: 90° 10' 41" W

Well number: 4010  
Well name: Nels W. Chester

Owner or name:  
Address: Rt. 1, Philadelphia

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

Use of water:  
Air cond., Bottling, Comm, Dewater, Power, Fire, Irr, Med, Ind, P & S, Rec,
Stock, Irrig, Unused, Repurpose, Recharge, Desal-P, Desal-Other

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

**DATA AVAILABLE**

Well data  
Freq. W/L meas:  
Filed aquifer char:  
Hyd. lab. data:  
Qual. water data: type:

Freq. sampling:  
Pumping inventory: yes  
Period:

Aperture cards:  
Log data:

**WELL DESCRIPTION CARD**

Depth well:

Depth cased: 84 ft  
Casing type: 8 in  
Finish: porous gravel, w. gravel w. horit., open perf., screened, ed. pl., shored, open hole

Method drilled: air, hored, cable, dog, h. jacked, reverse trenching, driven, drive wash, other

Date drilled: 8/14/60  
Pump intake setting:

Driller:

Lift:

Power nat  
Diameter:

Descrip. HP:

Alt. LSD:

Water level:

Date meas:

Drawdown:

QUALITY OF WATER DATA:

Sp. Conduct:

Taste, color, etc.
**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD**

<table>
<thead>
<tr>
<th>Physiographic Province:</th>
<th>0:3</th>
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**Drainage Basin:**

<table>
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<tr>
<th>Subbasin:</th>
<th>1:3:7</th>
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**Topo of well site:**

- (O) offshore, pediment, hillside, terrace, undulating, valley flat
- (P) (F) (G) (I) (L)
- (E) (F) (G) (I) (L) depression, stream channel, dunes, flat, hilltop, sink, swamp

**MAJOR AQUIFER:**

- **System:**
  - **Series:**
    - **Aquifer, formation, group:**
      - **Aquifer, formation, group:**
        - **Lithology:**
          - **Thickness:** > 6 ft
          - **Origin:** 2
          - **Depth to top of:** 14 ft
          - **Length of well open to:** 30 ft
          - **Screened:** 6' x 18"
          - **Intervals Screened:**
            - 84-90 ft
          - **Source of data:**
            - Depth to consolidated rock: 44
            - Depth to basement: 45
            - Surficial material: 46
            - Infiltration characteristics:
              - Coefficient:
                - Trans: gpd/ft
                - Storage:
              - Form: gpd/ft²; Spec cap: gpm/ft

**MINOR AQUIFER:**

- **System:**
  - **Series:**
    - **Aquifer, formation, group:**
      - **Lithology:**
        - **Thickness:**
          - **Origin:**
            - **Depth to top of:**
              - **Length of well open to:**
                - **Screened:**
                  - 6' x 18"
                  - 84-90 ft

**Remarks:**

6 miles S/E of Philadelphia

**Geologic Card Number:**

GPD 857–700

**Well No.:**

- 210