Well Schedule

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

MASTER CARD

Record by: J.A. Calhoun
Date: 2-18-75
Source: W.M. Brown
Date: 12-6-66
Map: Decatur NE

State: MISS
County: Newton
Latitude: 32° 26' 17" N
Longitude: 90° 06' 30" W
Local number: G00181907
Owner: City of Decatur

Owner or name: DEC:ATUR
Address: Decatur, MISS

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


DATA AVAILABLE:

Well data: [ ]
Freq. w/l meas.: [ ]
Field aquifer char.: [ ]
Hyd. lab. data: [ ]
Qual. water data: [ ]
Type: [ ]
Freq. sampling: [ ]
Pumping inventory: [ ]
Aperture cards: [ ]
Log data: [ ]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 310 ft
Casing: 310 ft
Drillers: 24

Depth cased: (ft, ft, perf.):
Casing type: Steel
Diam.: In

Finish: (C) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R)
Drilled: Air borer, cable, auger, jet, hyd. jetted, air reverse trenching, driven, drive, etc.

Date Drilled: 1929 9 29
Pump intake setting: ft

Driller: Layne Central Co.
Address: Jackson, MISS

Lift: (A) (B) (C) (D) multiple, multiplier, pump, piston, jet, (cent.) (turb.)
Power (type): diesel, gos., gas, hand, hand, wind, H.P.: 20

Descrip.: HP above 1 ft, below LSD. Alt. HP.
Alt. LSD: 435
Water level 80 ft above NP.
Date meas: 1954 3 59
Yield: 226 gpm

DRAWDOWN:

QUALITY OF WATER DATA:
Iron 39 ppm
Sulfate 10 ppm
Chloride 3.6 ppm
Hard. 40 ppm
Sp. Conduct 133 K x 10^6
Temp. 68 F
Date sampled 68

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

**Latitude-longitude:** 32.26, 173°08'9"N, 06.30°E

**Physiographic Province:** Coastal Plain

**Coastal Plain**

**Drainage Basin:** 13P

**Subbasin:**

**Topo of well site:** depression, stream channel, dunes, flat, hilltop, sink, swamp,

**Major Aquifer:** Tertiary, Eocene

**Lithology:** Coarse Sand

**Origin:** [Blank]

**Aquifer Thickness:** [Blank]

**Depth to top of:** [Blank]

**Length of well open to:** [Blank]

**Aquifer:**

**System, series, aquifer, formation, group:**

**Lithology:**

**Origin:** [Blank]

**Aquifer Thickness:** [Blank]

**Depth to top of:** [Blank]

**Length of well open to:** [Blank]

**Interval Screened:**

**Depth to consolidated rock:** [Blank]

**Depth to basement:** [Blank]

**Coefficient of permeability:** Sandy Clay

**Infiltration characteristics:** Good

**Coefficient:**

**Coefficient of transmissivity:** [Blank]

**Coefficient of storage:** [Blank]

**Coefficient of permeability:** [Blank]

**Spec. cap:** [Blank]

**Number of geologic cards:** [Blank]

**Test of well:**

<table>
<thead>
<tr>
<th>Interval</th>
<th>Test Result</th>
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<tbody>
<tr>
<td>0</td>
<td>313 gpm</td>
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<tr>
<td>10</td>
<td>289 gpm</td>
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<tr>
<td>20</td>
<td>265 gpm</td>
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<td>226 gpm</td>
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**GPO 857-700**