REPLACEMENT

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

MASTER CARD

Plant Type: Spor

Record by: G. Barden's Office

Source: C. E. Loun Date: 8-4-65

State: Miss 28 County: Marion

Lat-long: 31 4 9 N 0 4 9 2 9

Lat-long: 7 min sec 15 min sec 5 15 min sec 5 15 min sec 0 15 min sec 5

Local well number: L0005 CDO 002 002

Owner or name: Rector Chemical Co

Address: Columbia

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

Use of Water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P. S. Rec

Stock, Isted, Amined, Repressure, Recharge, Desal P S, Desal-other

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

DATA AVAILABLE: Well data: Field aquifer char.:

Hyd. lab. data:

Qual. water data: Type: 14565

Frec. sampling: Pumpage inventory: yes, period:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD

SAVE AS ON MASTER CARD

Depth well: 500 ft 500 ft Meas. reg:

Deph casing: (1st perf.) 150.0 ft

Casing type: 150.0 ft Diameter:

Finish: porous gravel, por. gravel, horiz, open perf, screen, sd. pt., shored, open

Method: (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) (AA) (BB)

Drilled: air bored, cable, dug, jetted, reverse trenching, driven, drive rot.

Pump intake setting:

Date Drilled: 1952 9 5 2

Driller: L. Foxworth

Lift Name: (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) (AA) (BB) (CC) (DD) (EE) (FF)

Descriptive: diesel, c.e.c., gas, gasoline, hand, gas, wind

Water Level: 210 ft above LSL, Alt. MP

Altitude: 150

Accuracy: (source):

Date measured: April 7, 1967

Yield: 4

Depletion:

QUALITY OF WATER DATA:

Iron: 4.1 ppm

Chloride: 1.5 ppm

Hardness: 12

Sp. Conduct: 70 K x 10^-6

Taste, color, etc.: Field test Conduct: 75 (8-4-65)
**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD**

- **Physiographic Province:**
- **Drainage Basin:**
- **Subbasin:**

**Topo of well site:**
- (D) depression
- (E) stream channel
- (F) dunes
- (G) flat
- (H) hilltop
- (I) sink
- (J) swamp
- (K) offshore
- (L) pediment
- (M) hillside
- (N) terrace
- (O) undulating
- (P) valley
- (Q) flat

**MAJOR AQUIFER:**
- **System:**
- **Series:**
- **Aquifer, formation, group:**

**Lithology:**

<table>
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<tr>
<th>Length of well open to:</th>
<th>Depth to top of:</th>
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<tbody>
<tr>
<td>30 ft</td>
<td>130 ft</td>
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</tbody>
</table>

**MINOR AQUIFER:**
- **System:**
- **Series:**
- **Aquifer, formation, group:**

**Lithology:**

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<tr>
<th>Length of well open to:</th>
<th>Depth to top of:</th>
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**Interval Screened:**

- **Depth to consolidated rock:** 40 ft
- **Depth to basement:** 45 ft
- **Infiltration characteristics:**

**Coefficient:**
- **Trans:** 74 ft²/day
- **Storage:** 72 ft³/gal

**Coefficient:**
- **Perm:** 60 ft²/day; **Spec cap:** 100 ft³/gal; **Number of geologic cards:** 74

- **Well in shed near welding shop**
- **Water stands to top of pipe**

**Diagram:**

- Shed
- Pipe
- Water level

**GEO 857-700**