WELL SCHEDULE

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

MASTER CARD

Record by: P.E. Grantham
Date: 9-14-67
State: Mississippi
County: Franklin
Lat-long accuracy:
Local well number:
Well: Providence W.I., Assoc, Inc
Owner or name:
Address:
Ownership:
Use of well:
DATA AVAILABLE:
Hyd. lab. data:
Qual. water data:
Frac. sampling:
Aperture cards:
Log data:

WELL-DESCRIPTION CARD

Depth well: 345 ft
Castings: 30 ft
Casing: Steel
Method: Air bailed, Cable, Dog, Hinged, Air reverse trenching, Drilled, Drive wash, Percussion, Rotary
Date Drilled: 9/66
Pumping intake setting: 220 ft
Driller: Griner W. Welling Co.

WATER LEVEL:
Water level: 16.80 ft
Date of level: 11/16/67

QUALITY OF WATER:
Sp. Conduct: 68 ppm
Total Hardness: 1.0 mg/l

Taste, color, etc.

Field pH: 5.7 5.9
Well No. G1

Latitude-longitude 31° 27.58' N 90° 58.27' W

HYDROGEOLOGIC CARD

Physiographic Province: 14.3
Subbasin: 32

Topo of well site: (p) depression, stream channel, dunes, flat

MAJOR AQUIFER: System: T;M
Aquifer, formation, group: M,Z
Lithology: 3
Origin: 3

Length of well open to: 40 ft
Depth to top of: 220 ft

INTERVALS Screened: 305'-345'
6" N W 55° 010'

Depth to consolidated rock: 60 ft
Source of data: 64

Depth to basement: 65 ft
Source of data: 69

Coefficient: 84,000 gpd/ft²
Coefficient of Infiltration: 8.4:3
Coefficient of Storage: 75.6:1

Pump
Carlson DWT, 7-stage, 10HP, 1760 rpm
Col. length 220', Dia. 4", Rated cap. 100 gpm
Oil lube

Top soil 0-10
Clay 10-63
Sand 63-132
Clay 132-220
Sand 220-345

Storage 95
5' x 1 10,500
6'x 3 10,000