

GEOLOGICAL DATA			CASING DATA	WELL DATA	
Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal $\frac{1}{2}$ Vertical 1	Position of seals, screens, static level, etc.

Recent
Deposits

Silt
0'-10'

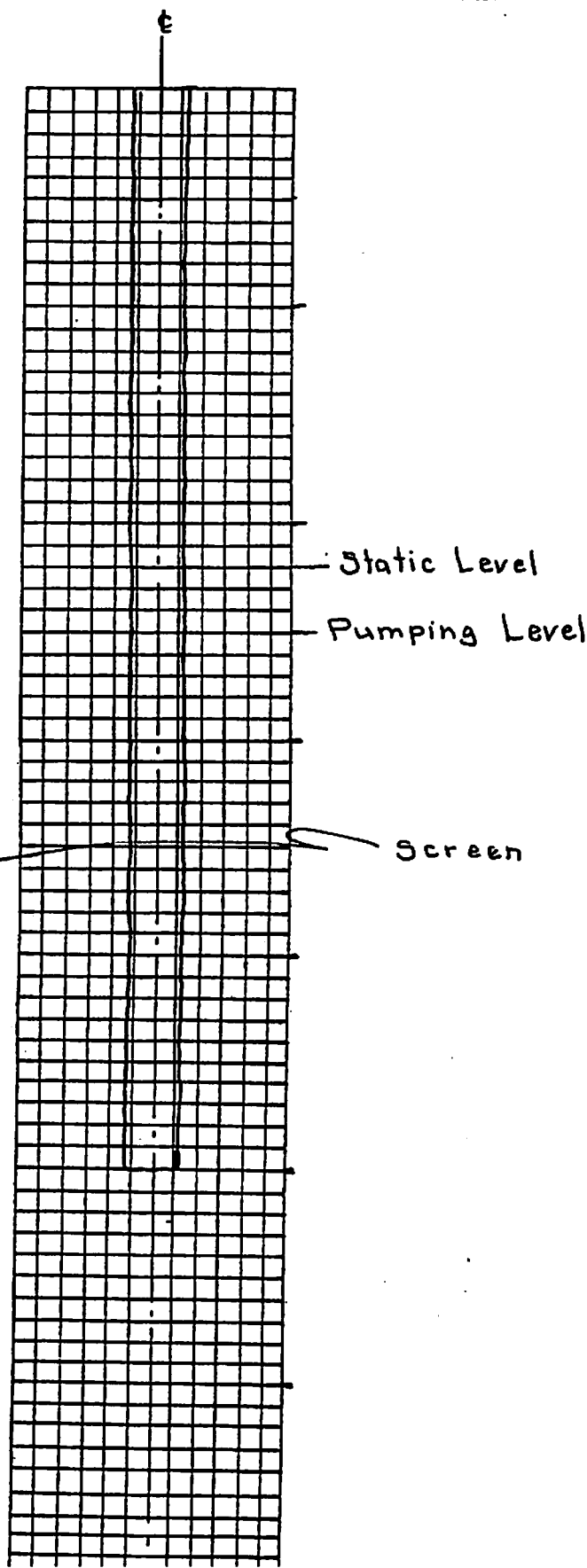
Fine Sand
& Gravel
10'-30'

Fine Sand
30'-50'

Wrought iron
casing
0'-30'

Bronze
Johnson
Screen
30'-50'

6' dia.
Gravel Pack
from 10'-50'



GROUND WATER

Town Magnolia County Jackson Date Aug 13 19 41

WELL NO. 102 Active ☒ Standby ☐ Abandoned ☐ Replaced by No.

LOCATION: Street High 61 Sec. T. N.R. East: West

Cent Lot 33 Block none Township South Fork

OWNERSHIP Magnolia Date Installed 19 37

CONTRACTOR Address

DATE RECONDITIONED 19 Contractor Address

CONSTRUCTION EMPLOYED: Gravel packed wells, 50' deep. pump rests on concrete pedestal

CURB ELEVATION 663 REFERENCE S. S. S.

TYPE OF CONSTRUCTION Gravel packed Depth 50 ft. Diameter 16 in.

CASING: Material Wrought iron Condition Good

SCREEN: Material Bronze Length 20 ft. Diameter 16 in. Slot Opening Johnson Screen in. 1/2

WELL SEALED yes How pump base tight on pedestal Approved yes

WELL VENTED no How Approved

TYPE OF PUMP Turbine Make American Well Capacity 500 GPM Lubricated Oil

DEPTH TO CYLINDER 37 ft. Tail Pipe ft.

PUMP CONTROL: Manual ☒ Automatic ☐ Semi-Automatic ☐

STATIC LEVEL 22 ft. Pumping Level 25 ft. Drawdown 3 ft.

OPTIMUM SPECIFIC YIELD GPM Drawdown ft. Time hrs.

RATE OF DRAWDOWN Slow Rate of Recovery Rapid

TEMPERATURE OF WATER 52 °F Where Measured Pump Temp. of Atmosphere 85 °F

DRAWDOWN GAUGE INSTALLED yes

TOPOGRAPHICAL POSITION OF WELL On low ground (fill) near river

WELL SITE INVESTIGATED yes (8-13-41) Approved yes Why not Subject to chlorination

WELL CONSTRUCTION REVIEWED yes (8-13-41) Approved yes Why not

PIT CONSTRUCTION: Purpose Bed raised Size and Description 12' x 15' x 12'

Bottom is natural ground elevation

CONDITION: Good Drainage Facilities Earth bottom

PUMP INSTALLATION: Approved yes Why Not

CUTTINGS FROM WELL PRESERVED: yes Where City Hall

DEPTH TO BED ROCK Unknown Depth to Water-bearing Stratum

SOURCE OF WATER: Principal Formation Recent deposits Other

DATE RECONDITIONED..... 19..... Contractor..... Address.....

CONSTRUCTION EMPLOYED: Gravel packed wells, 50' deep. pump rests on concrete pedestal

CURB ELEVATION 66.3 REFERENCE S. S. S.

TYPE OF CONSTRUCTION Gravel packed Depth 50 ft. Diameter 16 in.

CASING: Material wrought iron Condition good

SCREEN: Material Bronze Length 20 ft. Diameter 16 in. Slot Opening Johnson Green in. 1/8"

WELL SEALED yes How pump house tight on pedestal Approved yes

WELL VENTED no How Approved

TYPE OF PUMP Turbine Make American Well Capacity 500 GPM Lubricated oil

DEPTH TO CYLINDER 37 ft. Tail Pipe ft.

PUMP CONTROL: Manual Automatic Semi-Automatic

STATIC LEVEL 22 ft. Pumping Level 25 ft. Drawdown 3 ft.

OPTIMUM SPECIFIC YIELD GPM Drawdown ft. Time hrs.

RATE OF DRAWDOWN Slow Rate of Recovery Rapid

TEMPERATURE OF WATER 52 °F Where Measured Pump Temp. of Atmosphere 85 °F

DRAWDOWN GAUGE INSTALLED yes

TOPOGRAPHICAL POSITION OF WELL On low ground (fill) near river

WELL SITE INVESTIGATED yes (8-13-41) Approved yes Why not Subject to chlorination

WELL CONSTRUCTION REVIEWED yes (8-13-41) Approved yes Why not

PIT CONSTRUCTION: Purpose Bed raised Size and Description 12' x 15' x 12'

Bottom is natural ground elevation

CONDITION: Good Drainage Facilities Earth bottom

PUMP INSTALLATION: Approved yes Why Not

CUTTINGS FROM WELL PRESERVED: yes Where City Hall

DEPTH TO BED ROCK Unknown Depth to Water-bearing Stratum

SOURCE OF WATER: Principal Formation Recent deposits Other

Total Hardness ppm. Total Iron ppm. Sulfates ppm. Fluorine ppm.

Manganese ppm. pH CO₂ ppm.

REMARKS: 3 or mineral analysis see State Lab. sheets. Analysis for 2 wells shows considerable wells exactly alike in other respects