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

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**MASTER CARD**  
Record by: E.J. Harvey  
Source of data: J.C. Willis Jr.  
Date: 1-25-54  
Map: Swan Lake

**State:**  
Missouri  
230

**Latitude:**  
38° 51' 11" N  
76° 21' 50" W

**Longitude:**  
0° 10' 15" W  
44' 20" E

**Lat-long accuracy:**  
1 degree 10 min 5 sec 5

**Local well number:**  
50-112

**Owner or name:**  
J.C. Willis Jr.

**Address:**  
P.O. 1, Hollendale

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

**Use of water:**  
Stock, Inst. Use, Unused, Recharge, Storage, Desalination, Other

**DATA AVAILABLE:**  
Well data, Freq. W/L meas., Field aquifer char., Pumpage inventory

**Hyd. lab. data:**  

**Qual. water data:**  
USGS

**Freq. sampling:**  
Yes

**Aperture cards:**  
Yes

**Log data:**

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**WELL-DESCRIPTION CARD**  
SAME AS ON MASTER CARD  
Depth well: 126 ft  
Depth casing: 76 ft  
Drilled: April 1953

**Method:**  
Drilled  
Pump intake setting: 9.5 ft

**Lift:**  
Type: air, bucket, cent. jet, (turb.)

**Power:**  
Type: diesel, gas, gasoline, hand, gas, wind, H.P.

**Descrip. M. P.:**  
Top of casing, which is 1.0 ft below L.S.D.  
Alt. MP: 112

**Water level:**  
11 ft  
Yield: 4.20 gpm  
Method determined  
Accuracy: Pumping period

**Drawdown:**  
6 ft

**Quality of water data:**  
Iron 6 ppm, Sulfate 85 ppm, Chloride 65 ppm, Hard. ppm

**Sp. Conduct:** 372 K x 10^-6  
Temp. 65° F  
Date sampled 5-5-64

Taste, color, etc.
GEOLOGIC CARD

Physiographic Province: Coastal Plain
Section: Miss. River
Subbasin: 15:1

Depression, stream channel, dunes, flat, hilltop, sink, swamp
offshore, pediment, hillside, terrace, undulating, valley flat

System: Pleistocene
Series: Miss. River alluvium
Aquifer: Fluvial
Thickness: 2 ft
Length of well open to: 50 ft
Depth to top of: 40 ft
Aquifer formation, group

Aquifer:
System: Miss. River alluvium
Series: Fluvial
Origin: Aquifer formation, group

Aquifer:
Thickness: 2 ft
Length of well open to: 75 ft
Depth to top of: 50 ft

Aquifer:
Thickness: 50 ft

Aquifer:
Thickness: 126 ft

Aquifer:
Thickness: 50 ft

Source of data:

Infiltration characteristics:
Coefficient: gpd/ft²
Storage: gpm/ft

Well No.: 5
Glen Allen

5 mi NE

Water throttled (26,200) with 12" discharge
5,000 gpm with big enough pump

N

Hwy 430

5 mi NE

Woolwich (5 mi.)

GPO 857-700