

# **WELL LOG – ST. LOUIS COUNTY, MISSOURI**

## **WELL / PROJECT INFORMATION**

**Well Log Number:** 0010593

**Alternate ID:** Original strip log (scanned)

**Well Type:** Private Well

**Owner:** J.L. Tenant

## **LOCATION INFORMATION**

**County:** St. Louis County, Missouri

**USGS Quadrangle:** Creve Coeur

**Location:** Landgrant 00357

**Latitude:** 39.69577000

**Longitude:** -90.42945000

**Location Source:** Interpolated (Missouri  
GeoSTRAT)

## **ELEVATION**

**Ground Surface Elevation:** 533 ft

**Elevation Source:** DEM & location (GeoSTRAT)

## **DRILLING INFORMATION**

**Driller:** Shepard Brothers

**Date Drilled:** October 9, 1948

**Logged By:** McCracken

**Date Logged:** 31 January, 1949

**Total Depth:** 285 ft bgs

**Drilling Method:** Not specified

**Depth to Bedrock:** 40 ft bgs

## SURFACE CONDITIONS

**Surface material:** Brown sand/ fill (extends to ~35ft bgs)

**Site conditions:** Not specified

## SUBSURFACE CONDITIONS

<b>Depth (ft bgs):</b>	<b>Material Description:</b>	<b>USCS</b>	<b>Moisture</b>	<b>Density / Consistency</b>	<b>Notes</b>
0-35	Brown sand / fill; inferred material; no samples collected	NA	NA	NA	No samples collected
35-40	Clay residuum, low plasticity; minor sand	CL	NA	NA	Derived from weathered parent rock
40-80	Ste. Genevieve Limestone; minor sand	NA	NA	NA	Drillable; no refusal observed
80-205	St. Louis Limestone; locally dolomitic; minor chert	NA	NA	NA	Drillable; no refusal observed
205-285	Salem Formation; primarily limestone; locally dolomitic; minor chert	NA	NA	NA	Water encountered at ~260 ft bgs; boring advanced to total depth

## WELL CONSTRUCTION DETAILS

Component	Diameter	Depth Interval (ft bgs)	Description / Notes
Production casing	6 in	0-55	Documented on original strip log and GeoSTRAT

## GROUNDWATER OBSERVATIONS

Observation Type	Depth (ft bgs)	Time Observed	Notes
Static Water Level	~60	Post completion	Measured after drilling; elevation ~473 ft
Water-bearing Zone	~260-285	During drilling	Water-bearing interval to total depth

## DRILLING BEHAVIOR / REMARKS

Depth (ft bgs)	Observation
0-40	Drilling advanced without difficulty
40-250	Drillable limestone; no refusal
~260	Groundwater encountered
285	Drilling terminated at total depth

## DATA SOURCES

- Missouri GeoSTRAT Database
- Original scanned strip well logs (Missouri Geological Survey)

Construction and groundwater details are documented only where explicitly reported on original well logs or in the Missouri GeoSTRAT database.

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