

WELL LOG – CLAY COUNTY, MISSOURI

WELL / PROJECT INFORMATION

Well Log Number: 0016117

Alternate ID: Original strip log (scanned)

Well Type: Observation / Monitoring Well

Owner: Missouri Geological Survey

LOCATION INFORMATION

County: Clay County, Missouri

USGS Quadrangle: North Kansas City

PLSS Location: T50NR33WS23

Latitude: 39.127923

Longitude: -94.574017

Location Source: PLSS-based relocation (Missouri GeoSTRAT)

ELEVATION

Ground Surface Elevation: 737 ft

Elevation Source: DEM & location (GeoSTRAT)

DRILLING INFORMATION

Driller: Layne-Western

Date Drilled: May 13, 1957

Logged By: Fuller

Date Logged: Not specified

Total Depth: 124 ft bgs

Drilling Method: Not specified

Depth to Bedrock: No bedrock identified

SURFACE CONDITIONS

Surface material: Fill (extends to ~7 ft bgs)

Site conditions: Not specified

SUBSURFACE CONDITIONS

Depth (ft bgs):	Material Description:	USCS	Moisture	Density / Consistency	Notes
0-7	Fill; inferred material.	NA	NA	NA	No samples collected
7-23	Material not specified on original well log	NA	NA	NA	No lithologic description reported
23-50	Alluvium; sand-dominated, orange-coded on original well log	NA	NA	NA	Drillable; no refusal observed
50-104	Alluvium; coarse sand and gravel with limestone boulders	NA	NA	NA	Limestone boulders noted between approximately 75–85 ft bgs
104-124	Alluvium; fine sand	NA	NA	NA	Boring advanced to total depth at 124 ft bgs

WELL CONSTRUCTION DETAILS

Component	Diameter	Depth Interval (ft bgs)	Description / Notes
Surface Casing	8 in	~0-58 to 60	Steel casing; extends ~2 ft above the surface
Production casing	4 in	~58-90	Steel casing per original well log
Screen	4 in	~90-95	Stainless steel wire-wound screen; 0.040-in openings
Gravel Pack	—	~90-95	2.5 tons of 1/4 – 1/2 gravel
Total Depth	—	124	Well terminated at 124 ft bgs

GROUNDWATER OBSERVATIONS

Observation Type	Depth (ft bgs)	Time Observed	Notes
Static Water Level	28	Not specified	SWL per original well log

DRILLING BEHAVIOR / REMARKS

Depth (ft bgs)	Observation
0-23	Drilling through fill and unspecified material
23-50	Drilling through sand-dominated alluvium
50-104	Variable alluvial material; gravel and limestone boulders noted
104-124	Fine sand; boring advanced to 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.

Prepared By: Michael Martinez
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