

11-11-21e

Plotted

TONGANOXIE, Leavenworth Co.

Gen. sec. 11-11-21. Record of strata furnished by E. M. Riddle, contractor. Well cased 480 ft. Used as City well. Reported Barclay C. Winslow.

Loess	16	limestone	671
shale, mostly blue	138	shale and limestone alternating	680
limestone	156	limestone, light gray	686
shale, dark	181	shale	687
limestone	198	limestone	689
shale	221	shale	700
limestone	235	limestone, shells	702
shale with limestone layers	273	shale, black	706
limestone	290	limestone	708
shale	301	shale	712
limestone	306	limestone	716
shale	309	shale, black	717
shells-probably limestone	310	shale, sandy-blue and drab	759
shale	318	shale	779
limestone	325	limestone	787
shale	326	shale with flint boulders	806
limestone	329	coal	806' 10"
shale	344	fire clay	808
limestone	354	shale, sandy	816
shale	372	shale and slate shale	836
limestone	375	shale, slate & sandy, with thin layers of limestone	851
shale	379	Coal-Leavenworth & Lansing vein	854?
limestone	381		
shale	387		
limestone, shells	389		
shales	391		
limestone	419		
shale, drab	421		
shale, black water	422		
shale, drab-"valuable as paint"	427		
limestone	450		
shale, black & slaty-water	451		
shale, gray	459		
limestone	468		
shale, black	470		
shale, all colors-"valuable as paint"	580		
limestone, sandy	590		
shale, dark	628		
limestone, shelly	630		
shale, bituminous	631		
shale, dark	633		
limestone, dark brown	638		
shale, gray	646		
limestone	651		
shale, filled with iron pyrites	662		
limestone, shelly, hard	664		
shale, bituminous-salt water	666		
shale, drab and blue	668		

Casing 10"  
 20"  
 15 1/2"  
 12 1/2"  
 8 1/4"  
 6 5/8"  
 5 3/16"

BKC