

Cherokee 34S 25E

17-34-25E
SW 1/4 45

EMPIRE CITY ARTESIAN WELL. #3

Drilled by Crossman Bros. of Joplin, Mo. 1898.

900'

40	Soil, flint & clay.	40
112	White limestone with some flint.	152
13	Very hard flint	165
30	Lime & flint, mixed strata, very hard.	195
17	very hard flint, few shives of Zinc blend	212
113	Solid limestone	325
5	Softer white limestone	330
22	Gradually harder limestone	352
75	Solid limestone	427
2	Soft stratum of "lime cement"	429
28	Solid limestone	457
5	A blue colored rock, gritty	462
30	White limestone	492
19	Hard flint	511
300	Solid smooth limestone	811
2	very hard conglomerate shell	813
24	very hard flinty lime	837
2	Hard conglomerate shell	839
21	Very flinty, gradually softer.	860
55	Limestone, changes of flint	915
6	Very hard irregular strata	921
14	Smooth, but very hard.	935
25	White limestone	960
52	White limestone, changes of flint	1012

Plotted

Note.

The strata between the depth of 915 to 935 is a flinty, crystalized rock. It will effervesce readily, but has the appearance of sandstone. The hole was drilled 8 inches to 330 ft. then cased 5 5/8 and drilled 5 1/2 to bottom.

Warrant No.	Voucher No.	TO WHOM PAYABLE.	AMOUNT.
		Brought forward,	
		TOTAL,	

Passed upon by the State Board of Administration, on the.....

day of _____ 191_____

I certify the foregoing to be correct.

Secretary.