August, 1937.

Watchorn #3 Stephens,
C NW NW, 21-32S-21W,
Elevation 2119'

Miss

Mississippian	Top 5490'	Sub-sea, minus 3378'	
Unit 1	5490-6050	Thickness	560'
Unit 2	6050-6210	"	160'
Unit 3	6210- ?		
Unit 4	Probably absent		
Kinderhook	? -6565		(355') ?
			1075' ?

This thickness is about 75' short of that shown in other tests in this vicinity. Samples are either missing or too poor to determine between 6300-6518'. It is within this interval that the shortening occurs.

Ordovician	Top 6565'	Sub-sea, minus 4446'	
Viola	6565-6745'	Thickness 180'	
6565-6618	Dolomite, brown to white, fine. Samples poor.		
6618-6705	No samples.		
6705-6745	White coarsely crystalline lime and fine brown dolomite. Samples poor and incomplete.		
Simpson	6745-6780'		
6745-6780	Some green shale and sand. Samples poor.		

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Carmody, in letter #4x-1936, includes 15' of fine brown dolomite in the Simpson, making the Simpson top at 6730'.

This set of samples is very poor. The short section of Mississippian is probably due to error of some sort.