

State Geological Survey of Kansas

Scale	Z	Features	Unit	Sec. 9	T. 32	S. R 10W	County Barber	Date 1955			
				<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px;"></div> <div> Locality description NW$\frac{1}{4}$ NW$\frac{1}{4}$ </div> </div>							
				<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px;"></div> <div> Measured by Ada Swineford </div> </div>							
				<div style="border: 1px solid black; width: 40px; height: 40px; margin-right: 5px;"></div> <div> Remarks </div>							
						No.	Description	Thickness			
							CEDAR HILLS SANDSTONE				
				19	Siltstone - argillaceous, slightly calcareous, thin-bedded, red (2.5YR5/6)	3.0					
				18	Sandstone - very fine-grained, very calcareous, red (2.5YR5/6) (white spots up to 3mm diameter)	8.1					
				17	Sandstone - very fine-grained, argillaceous, red	3.9					
				16	Sandstone - fine-grained, friable, white	0.2					
				15	Sandstone - very fine-grained, silty, very calcareous, somewhat resistant, red (white spots)	3.0					
				14	Sandstone - very fine-grained, silty, slightly calcareous, red (white spots)	0.8					
				13	Siltstone - argillaceous, hard, slightly calcareous or dolomitic, red (white spots)	1.2					
				12	Covered - probably red and white soft silty sandstone	1.4					
				11	Siltstone - coarse-grained, sandy, massive, red (white spots)	6.6					
				10	Sandstone - very fine-grained, silty, calcareous, red (white spots up to 0.6 mm diameter); argillaceous in upper part; red oblate spheroidal calcareous sandstone concretions (some hollow with calcite crystals) in lower part (average 2 inches in diameter). Some darker red micro-galls of shale	3.0					
				9	Sandstone - fine-grained, friable, calcareous, thinly laminated, white grading upward to light-pink (tYR7/6) with small-scale cross-bedding	0.8					
				8	Sandstone - fine-grained, massive, essentially unconsolidated, slightly calcareous, well-sorted, white (2.5Y8/2) spotted red; sharp contact with locally bleached salt plain below	1.2					
				7	Siltstone - argillaceous, calcareous, micaceous, reddish brown (5YR4/4) (green spotted)	5.0					
				6	Covered	9.8					
				5	Siltstone - sandy, fairly resistant, slabby, calcareous, yellowish-red (5YR5/6) (large green-gray spots); bimodal size distribution, some rounded sand grains 0.3 mm diameter. Also large calcite crystals	0.8					
				(CONTINUED ON NEXT PAGE)							

State Geological Survey of Kansas

Scale

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Features

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Sec. 9

T. 32

S. R

LOW County

Barber

Date 1955

Locality description NW $\frac{1}{4}$ NW $\frac{1}{4}$

Measured by Ada Swineford

Remarks

No.

Description

Thickness

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- | | | |
|---|--|-----|
| 4 | Covered - probably red, green spotted calcareous argillaceous siltstone | 9.0 |
| 3 | Siltstone - calcareous, thin-bedded, slabby, micaceous, reddish-brown (2.5YR5/4) and white (5Y8/1) banded; white is coarser grained, more calcareous, than reddish brown | 2.1 |
| 2 | Shale - silty, slabby, micaceous, calcareous, reddish-brown (5YR5/4) | 1.0 |
| 1 | Shale - silty, calcareous, micaceous, yellowish-red (5YR5/6) with greenish-gray spots | 7.4 |