

(21) Classification of driller's log on no. 2 Dan McLachlan well on Dan McLachlan, approximately 100 feet south and 800 feet east of the Cen. E. line NW 1/4 sec. 27, T. 21 S., R. 24 E. Total depth, 618 feet. Surface elevation, 1036 feet.

Foot South Direction	Higginsville limestone member	Thickness, feet.	Depth, feet.	Elevation, feet.
	Lime.	30	30	1006
QUATERNARY--Pleistocene				
	Soil.	3	3	
PENNSYLVANIAN--Missourian				
	Swope limestone, Ladore shale and Hertha limestone, (undifferentiated)			1000
	Clay.	5	8	
	Lime.	52	60	976

disconformity (?)

Pleasanton Group				
Shale	145	205		

(22) Classification of driller's log on no. 3 Dan McLachlan well on Dan McLachlan, approximately 100 feet south and 800 feet east of the Cen. E. line NW 1/4 sec. 27, T. 21 S., R. 24 E. Total depth, 618 feet. Surface elevation, 1036 feet.

Foot South Direction	Higginsville limestone member	Thickness, feet.	Depth, feet.	Elevation, feet.
PENNSYLVANIAN--Desmoinesian				
	Nowata shale (?)			
	Shale, sandy.	20	225	
	Sand.	7	232	
	Shale	15	247	
	Altamont limestone--Worland limestone member			
	Lime.	10	257	779
	Bandera shale			
	Shale (may include middle and lower members of Altamont limestone)	38	295	
	Coal.	1	296	
	Fireclay.	3	299	
	Pawnee limestone			
	Coal City limestone	12	311	
	Lime.	20	319	
	Mine Creek shale member			
	Shale	10	329	
	Myrick Station limestone member			
	Lime.	6	335	
	Anna shale member			
	Slate	3	338	
	Labette shale			
	Shale	20	358	
	Sand, hard.	13	371	
	Shale	5	376	

Fort Scott limestone				
Higginsville limestone member				
Lime.	20	396		
Little Osage shale member				
Slats	3	399		
Shale	5	404		
Blackjack Creek limestone member				
Lime.	5	409		
"Cherokee" group (undifferentiated)				
Shale	17	426		

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