

(46) Classification of driller's log on no. 1 Guy White well on Guy White, approximately 500 feet north and 75 feet west of the cen. E. line SE $\frac{1}{4}$ sec. 25, T. 21 S., R. 25 E. Total depth, 224 feet. Surface elevation, 858 feet.

	Thickness, feet.	Depth, feet.	Elevation, feet.
QUATERNARY--Pleistocene			
Soil	2 . . .	2	
PENNSYLVANIAN--Missourian			
Hepler sandstone			
Sand rock	6 . . .	8	
Flag rock	13 . . .	21	
unconformity			
PENNSYLVANIAN--Desmoinesian			
Nowata shale			
Shale	9 . . .	30	
Altamont limestone--Worland limestone member			
Lime	5 . . .	35	
Shale	6 . . .	41	
Lime	8 . . .	49 . . .	809
Bandera shale			
Shale (may include middle and lower members of Altamont limestone)	12 . . .	61	
Sand	10 . . .	71	
Shale, blue	28 . . .	99	
Coal	1 . . .	100	
Fireclay	2 . . .	102	
Pawnee limestone			
Coal City limestone member			
Lime, brown	16 . . .	118	
Mine Creek shale member			
Shale	9 . . .	127	
Myrick Station limestone member			
Lime, blue	5 . . .	132	
Anna shale member			
Slate, black	4 . . .	136	
Labette shale			
Shale, sandy	17 . . .	153	
Sand	15 . . .	168	
Shale, blue	5 . . .	173	
Fort Scott limestone			
Higginsville limestone member			
Lime, broken	3 . . .	176	
Lime, "Oswego"	20 . . .	196	
Little Osage shale member			
Shale, black	3 . . .	199	
Shale, dark	6 . . .	205	
Blackjack Creek limestone member			
Lime	3 . . .	208	
"Cherokee" group (undifferentiated)			
Shale	6 . . .	214	
Sand, "Squirrel"	9 . . .	223	

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