

J. B. Padgham Thesis - 1957

15-22-24E

(23) Classification of driller's log on no. 4 Moon well on Moon, approximately 2295 feet west and 700 feet south of the Cen. E. line, sec. 15, T. 22 S., R. 24 E. Total depth 610 feet. Surface elevation, 393 feet.

Drilled in 1916

Thickness, Depth, Elevation,  
feet. feet. feet.

QUATERNARY--Pleistocene

Soil. . . . . 5 . . . 5

PENNSYLVANIAN--Desmoinesian

Nowata shale

Soap. . . . . 13 . . . 18

Altamont limestone--Worland limestone member

Lime shells . . . . . 12 . . . 30 . . . 863

Bandera shale

Soap (may include middle and lower members of Altamont limestone) . . 12 . . . 42.

Shale . . . . . 33 . . . 75

Slate, black. . . . . 2 . . . 77

Soap. . . . . 3 . . . 80

Pawnee limestone

Coal City limestone member

Lime. . . . . 18 . . . 98

Mine Creek shale member

Soap. . . . . 5 . . . 103

Lime. . . . . 5 . . . 108

Soap. . . . . 5 . . . 113

Myrick Station limestone member

Lime. . . . . 2 . . . 115

Anna shale member

Slate, black. . . . . 3 . . . 118

Labette shale

Soap. . . . . 13 . . . 131

Sand. . . . . 7 . . . 138

Shale . . . . . 30 . . . 168

Fort Scott limestone

Higginsville limestone member

Lime. . . . . 18 . . . 186

Little Osage shale member

Shale . . . . . 11 . . . 197

Blackjack Creek limestone member

Lime. . . . . 6 . . . 203

"Cherokee" group (undifferentiated)

Shale . . . . . 43 . . . 246

Sand. . . . . 10 . . . 256

Note: Top of Mississippian formation is 388 feet in elevation.