

25-21-24 E.

- (39) Classification of driller's log on no. 3 Weeks well on Weeks, approximately 850 feet east and 100 feet north of the NW cor. SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 25, T. 21 S., R. 24 E. Total depth, 331 feet. Surface elevation, 881 feet.

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

QUATERNARY--Pleistocene

Soil. 3. . . . 3

PENNSYLVANIAN--Desmoinesian

Nowata shale

Shale 17. . . . 220

Altamont limestone--Norland limestone member

Lime. 14. . . . 34. . . . 847

Bandera shale

Shale (may include middle and lower members of Altamont limestone) . . . 6. . . . 40

Flagstone. 12. . . . 52

Shale 33. . . . 85

Coal. 1. . . . 86

Fireclay. 2. . . . 88

Pawnee limestone

Coal City limestone member 15. . . . 90. . . . 824

Lime. 15. . . . 103

Mine Creek shale member

Shale 10. . . . 113

Myrick Station limestone member

Lime. 7. . . . 119

Anna shale member

Shale 3. . . . 122

Labette shale

Sand. 10. . . . 132

Sand. 8. . . . 140

Lime. 5. . . . 145

Shale 15. . . . 160

Fort Scott limestone

Higginsville limestone member 170

Lime, "Oswego". 20. . . . 180

Little Osage shale member

Slate, black. 2. . . . 182

Blackjack Creek shale member

Lime, hard. 8. . . . 190

"Cherokee" group (undifferentiated)

Shale 100. . . . 290

Little Osage shale member

Slate 7. . . . 240

J. B. Padgham Thesis 1951