Locality 5179

Sec. 16, T29S, R20E, Neosho County, Kan. Black shale at the top of the Bourbon shale

ACTIVITY 50 40 30 20 10	Thickness in feet Columnar Section Shale Sample Nodule Rodule	DESCRIPTION	Formation
	2.2 1.0 2.7 564 2.7 562	sh., dark gray to black, fissile sh., dark gray, hackly, calcareous, nodular limestone layer(Critzer ls.?) sh., black, fissile, platy in part, brown stained; 564 is sample of small phosphatic nodules from upper 1.7; nodules are not more than 1% of shale and contain 0.062% equiv. U, 0.032% U sh., black, fissile; 563 is sample of nodules from bottom 1.0; nodules are	Bourbon shale Hertha limestone
ACTIVITY:		SCALE	

o Count per minute at outcrop.

SCALE 2

6ft.

Approximate radioactivity determined by testing crushed rock, expressed in thousandths of percent equivalent uranium.

Uranium content determined by chemical analysis, expressed in thousandths of percent.

Measured and sampled by

A. L. Slaughter

C. W. Chesterman May 23, 1945