

Collier No. 3
Cen. SW. $\frac{1}{4}$ NE. $\frac{1}{4}$ sec. 5, T. 14, R. 23 E., Johnson County, Kansas.

Elev 1056

Formation	Depth
surface	8
lime, shell	11
shale, dark	16
lime	24
shale, blue dark	32
lime	45
shale light	72
lime	142
shale, blue	172
lime	180
shale, blue	190
shale, light	202
lime	220
shale, dark	250
lime	253
shale, black	262
lime	267
shale, dark	269
lime	276
shale, dark	278
lime	288
slate, black	292
shale, blue	297
lime	318
slate, black	320
lime	323
shale, dark, water	325
lime, red <i>Hertha</i>	335
shale, white	343
sand and gas <i>Knobtown</i>	348
shale	368
sand and gas <i>Knobtown or Hayden</i>	