

Kessler & Their; #1 Woltje; C SW SW NE; 17-33-6W; Harper Co., Kansas

4425'

- (1) Cavusgnathus unicornis? Youngquist & Miller
- (1) Gnathodus texanus Roundy

4425-30'

- (1) Cavusgnathus regularis Youngquist & Miller
- (1) Neoprioniodus tulensis (Pander)

4430'

- (1) Gnathodus antetexanus Rexroad & Scott

4432'

- (2) Cavusgnathus or Taphrognathus fragment

4435' - no specimens.

4437'

- (1) Cavusgnathus regularis Youngquist & Miller
- (1) Gnathodus texanus Roundy

4440'

- (1) Spathognathodus cristula Youngquist & Miller

4441' - no specimens.

4448' - no specimens.

Kessler & Their; #1 Woltje; C SW SW NE 17-33-6W; Harper County

4425'

(1) Ganthodus texanus

(1) Cavusgnathus

4425-30'

(1) Cavusgnathus

(1) fragment

4430'

(1) ????

4432'

(1) Cavusgnathus

(1) Cavusgnathus?

4435' - no specimens.

4437'

(2) Cavusgnathus

(1) Gnathodus texanus

(1) Spathognathodus

(2) fragments

4440'

(1) Spathognathodus

4441' - no specimens.

4448' - no specimens.

Tm

Kessler and Thier, Inc.: No. 1 Wolfje; C SW SW NE, 17-33-6W
Harper County

4426-30'

Cavusgnathus regularis

C. unicornis

Gnathodus texanus

Neoprioniodus tulensis

4431-35'

Gnathodus texanus

4436-40'

Cavusgnathus regularis

Gnathodus texanus

		<u>Cavusgnathus regularis</u>	<u>C. unicornis</u>	<u>Gnathodus texanus</u>	<u>Neoprioniodus tulensis</u>	<u>Spathognathodus cristula</u>	
4425		X	X	X	X	-	St. Louis
	△	-	-	-	-	-	
		X	-	X	-	-	
4440	△	-	-	-	-	-	
		-	-	-	-	X	
4448							

Figure 15. #1 Woltje, elevation 1326 feet. Stratigraphic interval sampled and conodont species recovered.

L. #1 Woltje; Kessler and Thier Inc.; C SW SW NE
sec. 17, T. 33 S., R. 6 W.; Harper County, Kansas (Fig.
15).

The drillers log identifies the top of the Mississippi
Limestone at a depth of 4403 feet. Lee (1940) considered
this section to be part of the Cowley Formation. The pre-
sence of Cavusgnathus regularis and G. unicornis indicates
this portion of the Cowley Formation is late Meramecian in
age, and is equivalent to the St. Louis Formation.