

May 27, 1931.

Mr. G. A. Briggs
1325 Jewell St.
Topeka, Kansas

Dear Sir:

I have examined the samples from the Woods No. 1 in sec. 21, T. 14, R. 18 E., sage County, Kansas, and they are as follows:-

Sherokee (Top 1,320)	
1,405-1,525	Dark gray shale
1,525-1,848	Dark gray shale and black shale
Mississippi lime	
1,845-	Hard white chert, white crystalline limestone
1,850-1,860	Hard white chert, white crystalline limestone
1,860-1,875	White crystalline limestone, white chert
1,875-1,880	Soft white and buff crystalline limestone, chert
1,880-1,895	White finely crystalline ls., fine sand
1,888-1,900	White coarsely crystalline ls., white chert
1,900-1,975	Gray coarsely crystalline ls., white chert
1,980-2,040	White coarsely crystalline ls., white chert
2,040-2,050	White coarsely crystalline ls., white chert
2,050-2,055	White coarsely crystalline ls., white chert
2,058-	White chert, brown dolomitic ls.

The well is checking very closely with the Miles No. 1 in 23-14-14, in which the Mississippi lime was hit at 2,055 feet. The elevation from the topographic sheet of the Miles well is about 1,200 feet and that of the woods well about 1,150 feet. Figuring on this basis the Woods well is 150 feet higher than the Miles, which, minus the regional dip, leaves about 100 feet high structurally.

I am greatly interested in this well as it appears to be favorably located structurally.

Yours truly,

J. W. McKernan
Geologist.