

12

October, 1935.

Gypsy #1 Coleman.  
Sec. 25-17S-25W.  
Elevation 2431'

Pre-Pennsylvanian

Mississippian	Top 4377'		Sub-sea, minus 1946'
Unit 1	4377-4385	Thickness	8'
Unit 2	4385-4490	"	105'
Unit 3	4490-4600	"	110'
Unit 4	4600-4615	"	15'
Kinderhook	4615-4690	"	75'
			<hr/> 313'

This Mississippian section, while unusually thin, is normal in every way. The Kinderhook is slightly sandy dolomite and is quite uniform.

4690-4708' Sample gap.

4708-4808' Correlation uncertain. Dolomite, slightly sandy throughout, with very little chert. There are three correlation possibilities:

- #1 4708-4808 Kinderhook. The material could be Kinderhook but the thickness is too great.
- #2 4708-4808 Post-Decorah Ordovician. Some of the chert suggests this but the section contains too little chert and too much sand.
- #3 4708-4770 Post-Decorah Ordovician  
4770-4808 Arbuckle (Pre-Cotter)

This is not satisfactory as neither the Viola nor the Arbuckle would be regionally normal in type.

The samples on this well appear to be all right. It is a difficult section to correlate and it is evident that some unusual condition is present. Wells in this vicinity should be watched closely for truncated sections.

4770  
1431  
233