

## ELK MOUNTAIN SECTION

Location: North end of Elk Mountain 1 mile south of Qualey  
Ranch, Carbon County

Concealed

## Casper-Fountain:

- |       |   |      |
|-------|---|------|
| No. 7 | Massive, uniformly grained buff and gray eolian cross-bedded sandstone.....   | 60'  |
| No. 6 | Pinkish purple and gray limestone. The contact between this limestone and the overlying sandstone is transitional. The coloring is very irregular, varying from buff to reddish purple with the deeper tones in the upper portion. No fossils were collected in this limestone..... | 32'  |
| No. 5 | Red sandstone and interbedded red shales, not sufficiently exposed to permit of detailed subdivision  | 200' |
| No. 4 | Thinly laminated purplish gray sandstone. Three separate bands of fine arkose sand having a minimum thickness of 6" are contained within this member....  | 7'   |
| No. 3 | Deep-red joint shale.....   | 9'   |
| No. 2 | Red sandy shale and red sandstone containing numerous small (maximum 2") worn limestone fragments. The sandstone has the general appearance of soft red brick   |      |
| No. 1 | Purple, pink, and gray limestone. The color varies with the gray predominating. The lower 5' of this limestone is brecciated. The lime fragments are sharply angular and they have a maximum length of 10". They are imbedded   |      |

in a deep-red sand matrix, individual seams of which  
vary from less than an inch to eight inches in  
thickness.....

51'

Concealed.....

50'

Pre-Cambrian:

Granite gneiss.