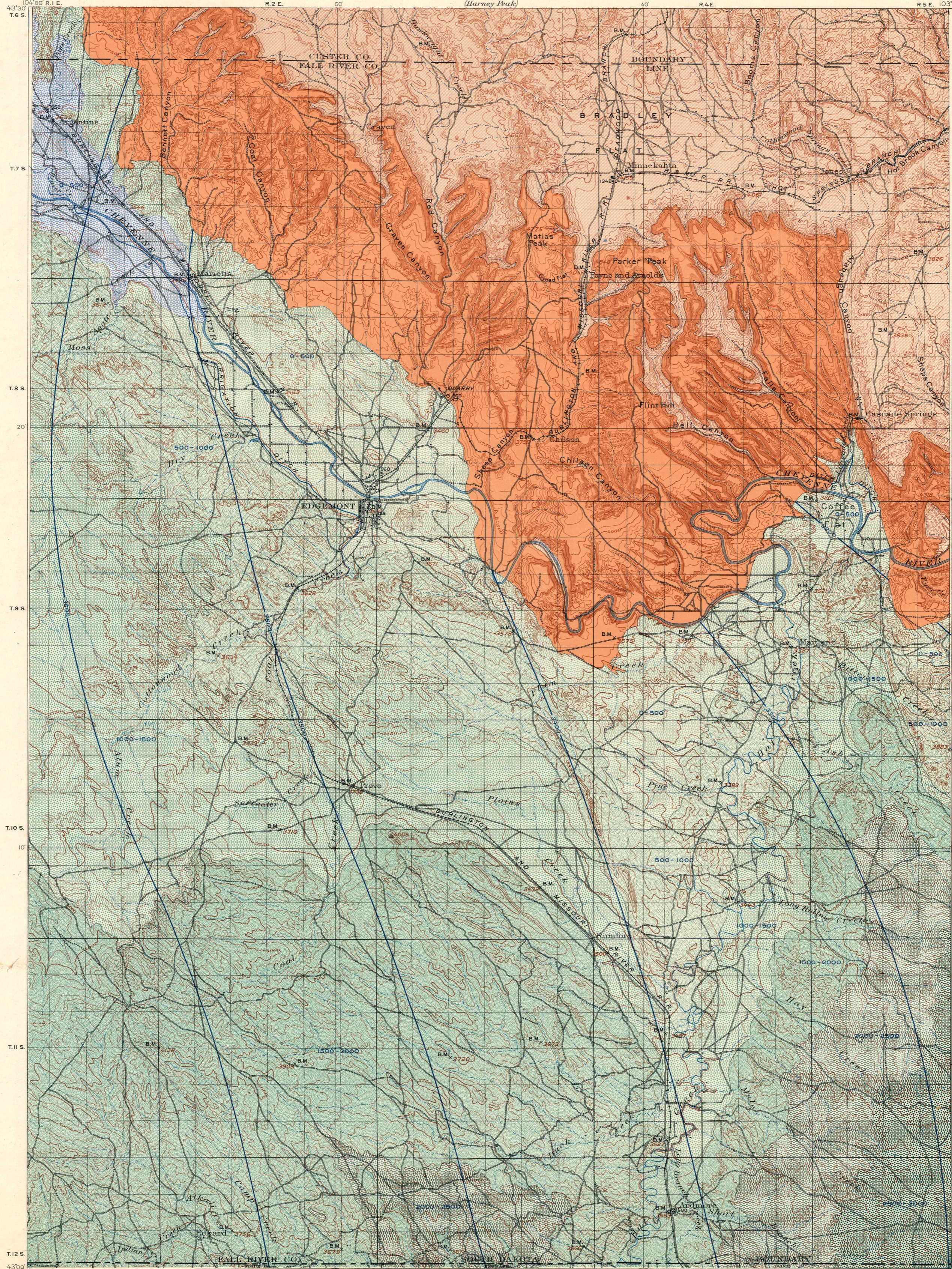


# ARTESIAN WATER



## LEGEND

5-500  
Area of Dakota sandstone which will probably yield flowing wells  
(depth to top of Dakota sandstone indicated by pattern)  
Flowing water only to be expected from 20 to 200 feet below the top of the formation.

0-500  
500-1000  
1000-1500  
1500-2000  
2000-2500  
2500-3000

Area of Dakota sandstone which will probably yield pumping wells  
(depth to top of Dakota sandstone indicated by pattern)

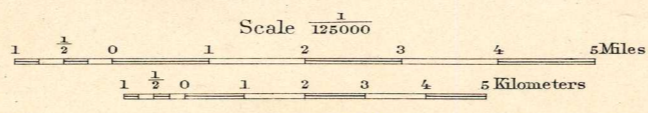
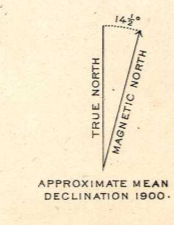
Outcrop of Dakota and associated underlying sandstones  
(area in which surface waters enter water-bearing strata)

Area not containing Dakota and associated underlying sandstones

Contour lines showing approximate altitude above sea to which the artesian water may rise

550  
Flowing well  
1125  
Nonflowing wells  
1348  
Dry well  
Figures show depth of wells

E. M. Douglas, Geographer in charge.  
Triangulation by E. M. Douglas and A. F. Dunnington.  
Topography by A. F. Dunnington.  
Surveyed in 1900.



Scale 1:25000  
Contour interval 50 feet.  
Datum is mean sea level.  
Edition of May 1904.

DIAGRAM OF TOWNSHIP

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32

Geology by N. H. Darton and W. S. Tangier Smith.  
Surveyed in 1900 and 1902.