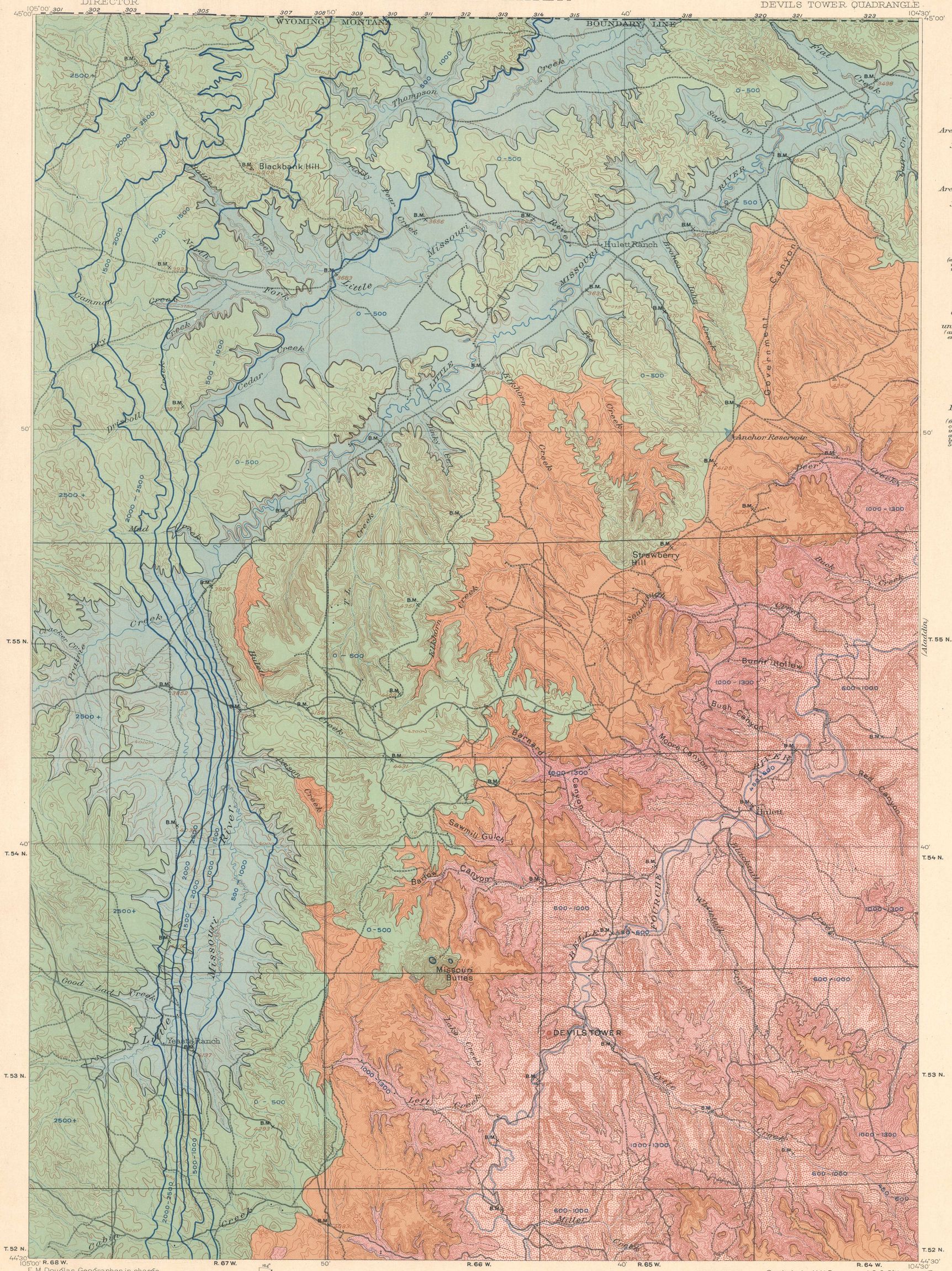
U. S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT
DIRECTOR

ARTESIAN WATER

WYOMING
(CROOK COUNTY)
DEVILS TOWER QUADRANGLE



LEGEND

Area of Dakota sandstone that will probably yield flowing wells

Area of Dakota sandstone that will probably yield pumping wells

1500 - 2000

Depth to Dakota sandstone
(artesian water may be expected from 5 to 200 feet below the top of the formation.)

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

450 - 600
600 - 1000
1000 - 1300

Depth to Minnelusa sandstone
(from which flowing water can probably be obtained in low valleys; water can probably also be had from underlying Pahasapa limestone, 500 to 1000 feet deeper.)

E. M. Douglas, Geographer in charge.
Topography by W. H. Herron.
Triangulation by W. H. Herron.
Surveyed in 1902-1903.

TRUE NORTH
MAGNETIC NORTH
16½°
APPROXIMATE MEAN DECLINATION 1903.

Scale $\frac{1}{125000}$

1 ½ 0 1 2 3 4 5 Miles

1 ½ 0 1 2 3 4 5 Kilometers

Contour interval 50 feet.
Datum is mean sea level.
Edition of Mar. 1907.

DIAGRAM OF TOWNSHIP.

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Geology by N. H. Darton and C. C. O'Harra.
Surveyed in 1904.