

Note - The line \equiv traced from intersection of S. line of 172 and River to SW. Cor. 155 shows line of New Mexico as claimed by owners of Santa Teresa Grant and New Mexico.



MAP OF SITE
FOR
PROPOSED RESERVOIR
IN THE VALLEY OF THE
RIO GRANDE DEL NORTE
ABOVE
EL PASO TEXAS

SCALE OF FEET
1 2 3 4 5
SEPTEMBER 1899

THIS SURVEY AND MAP ARE MADE BY THE ENGINEERS OF THE ARIZONA DIVISION OF THE UNITED STATES GEOLOGICAL SURVEY TO DEVELOP A PLAN FOR AN INTERNATIONAL DAM AND RESERVOIR PROPOSED BY LICUT COL. AVONN MILLS, U.S. ARMY. THE PURPOSE OF THIS RESERVOIR IS TO CONTROL THE FLOOD WATERS OF THE RIO GRANDE AND THEREBY PREVENT THE RIVER FROM CONSTANTLY SHIFTING ITS CHANNEL THUS DEFINITELY LOCATING THE BOUNDARY BETWEEN THE UNITED STATES AND MEXICO. PROPOSED HEIGHT OF DAM 80 FT ABOVE MEAN WATER LENGTH OF RESERVOIR ABOUT 14.8 MILES EXTREME WIDTH OF RESERVOIR ABOUT 3.8 MILES AREA OF RESERVOIR 86,000 ACRES TOTAL CAPACITY OF RESERVOIR 1,320,000 ACRE FEET CAPACITY OF UPPER 10 FT 1,800,000 ACRE FEET THIS AMOUNT IS AVAILABLE FOR HIGH LINE IRRIGATION CANALS.

El Paso Co
No. 8. mill Lake

86189

Map of proposed Reservoir in
the valley of the Rio Grande
del Norte,

Dated Sept. 1889 -

CORRELL ET WARD
ENGINEERS
No. 8