DEPARTMENT OF THE INTERIOR Hubert Work, Secretary

U. S. GEOLOGICAL SURVEY George Otis Smith, Director

Water-Supply Paper 580

## CONTRIBUTIONS TO THE HYDROLOGY OF THE UNITED STATES

## 1926

NATHAN C. GROVER, Chief Hydraulic Engineer



WASHINGTON GOVERNMENT PRINTING OFFICE 1927

## CONTENTS

The letters in parentheses preceding the titles are those publication]	used to designate the papers for advance Page	
	TARO	
(A) Geology of No. 3 reservoir site of the New Mexico, with respect to water-tig	J 1	
B. C. Renick, and Kirk Bryan (publish	ed Sept 3 1926) 1	
,	1 / /	
(B) Water power and irrigation in the Jeffers	on River Basin, Mont., by	
J. F. Deeds and W. N. White (publishe	d December 14, 1926) 41	
Index	115	

## ILLUSTRATIONS

		Page
PLATE 1.	Geologic map and sections of the area including the No. 3 reservoir site of the Carlsbad irrigation project, New Mexico.	Å
2.	Topography along line of proposed dam at No. 3 dam site of	Ŧ
	the Carlsbad irrigation project, New Mexico, and logs of test	
	holes drilled in 1905 and 1922	<b>28</b>
3.	Map of Jefferson River Basin, Mont	46
FIGURE 1.	Map of a part of the Carlsbad irrigation project, New Mexico,	
	showing location of No. 3 reservoir site	3
2.	Water levels in test holes drilled in 1925 in relation to other water levels in or near the No. 3 reservoir site of the Carls-	
	bad irrigation project, New Mexico	20
-		