

**RESERVOIR SEDIMENT
DATA SUMMARY**
SCS-34 Rev. 6-62

Wilson Bros.
NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

32-19

DATA SHEET NO.

DAM	1. OWNER <u>Wilson Bros.</u>			2. STREAM <u>Trib. of Saline R.</u>		3. STATE <u>Kansas</u>	
	4. SEC. <u>7</u> TWP. <u>13</u> RANGE <u>8</u>			5. NEAREST TOWN <u>Lincoln</u>		6. COUNTY <u>Lincoln</u>	
	7. STREAM BED ELEVATION <u>89.0*</u>			8. TOP OF DAM ELEVATION <u>100.0*</u>		9. SPILLWAY CREST ELEV. <u>97.0*</u>	
RESERVOIR	10. STORAGE ALLOCATION	11. ELEVATION TOP OF POOL	12. ORIGINAL SURFACE AREA ACRES	13. ORIGINAL CAPACITY ACRE-FEET	14. GROSS STORAGE ACRE-FEET	15. DATE STORAGE BEGAN	
	a. MULTIPLE USE					September 1950	
	b. FLOOD CONTROL						
	c. POWER						
	d. WATER SUPPLY	<u>96.1*</u>	<u>2.12</u>	<u>9.51</u>	<u>9.51</u>	16. DATE NORMAL OPER. BEGAN	
	e. IRRIGATION						
	f. CONSERVATION						
	g. SEDIMENT					September 1950	
h. INACTIVE							
17. LENGTH OF RESERVOIR			<u>0.11</u> MILES	AV. WIDTH OF RESERVOIR		<u>.04</u> MILES	
WATERSHED	18. TOTAL DRAINAGE AREA			<u>0.22</u> SQ. MI.	22. MEAN ANNUAL PRECIPITATION		<u>24</u> INCHES
	19. NET SEDIMENT CONTRIBUTING AREA			<u>0.21</u> SQ. MI.	23. MEAN ANNUAL RUNOFF		INCHES
	20. LENGTH <u>0.4</u> MILES		AV. WIDTH <u>0.5</u> MILES		24. MEAN ANNUAL RUNOFF		AC.-FT.
	21. MAX. ELEV.		MIN. ELEV.		25. CLIMATIC CLASSIFICATION		
	26. DATE OF SURVEY		27. PERIOD YEARS	28. ACCL. YEARS	29. TYPE OF SURVEY	30. NO. OF RANGES OR CONTOUR INT.	31. SURFACE AREA ACRES
7-27-62		11.8	11.8	Range	3	2.12	9.51 8.28
26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW ACRE-FEET			36. WATER INFL. TO DATE AC.-FT.	
			a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	a. MEAN ANNUAL	b. TOTAL TO DATE
26. DATE OF SURVEY		37. PERIOD SEDIMENT DEPOSITS ACRE-FEET			38. TOTAL SED. DEPOSITS TO DATE ACRE-FEET.		
		a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR
7-27-62		1.23	.10	0.48	1.23	.10	0.48
26. DATE OF SURVEY		39. AV. DRY WGT. LBS. PER CU. FT.	40. SED. DEP. TONS PERSQ. MI.-YR.		41. STORAGE LOSS PCT.		42. SED. INFLOW PPM
		a. PERIOD	b. TOTAL TO DATE		a. AV. AN.	b. TOT. TO DATE	a. PERIOD
7-27-62		60*	627	627	1.10	12.93	

TE =
95%

* Assumed

SCS
7-27-62

